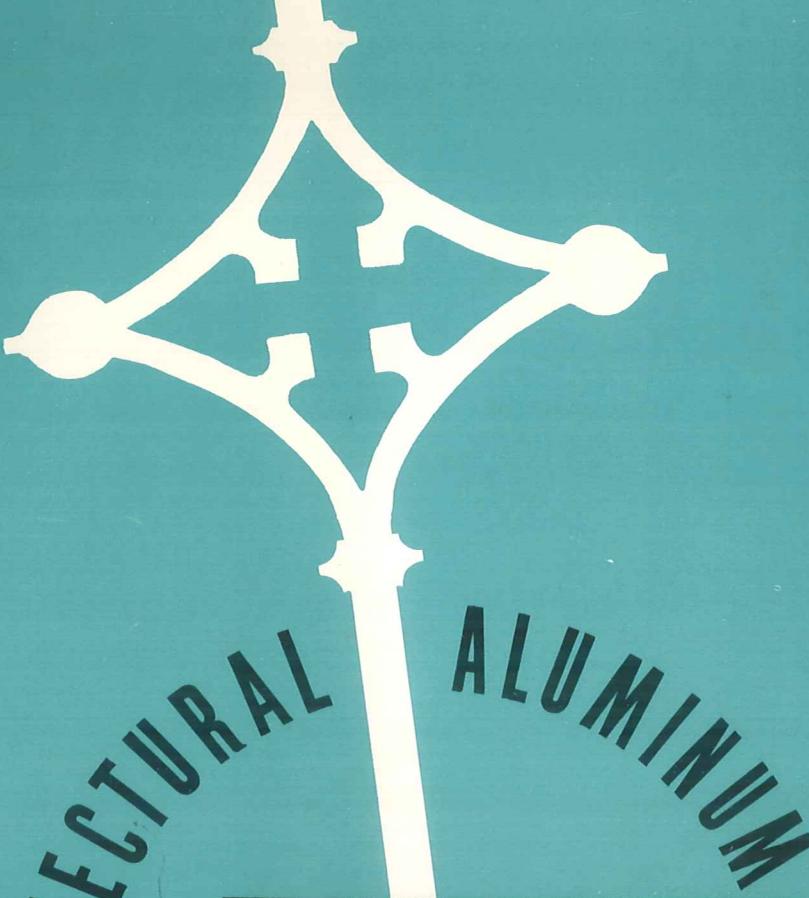


C A T A L O G 5 5



ARCHITECTURAL ALUMINUM

J.G. BRAUN COMPANY
EST. 1887

B R O N Z E & S T E E L



C H I C A G O N E W Y O R K

Braun

ARCHITECTURAL METALS AND SUPPLIES

CATALOG No. 55

Stock Products in

STEEL - MALLEABLE IRON - ALUMINUM
ARCHITECTURAL BRONZE

Since 1887

BRAUN PRODUCTS HAVE BEEN SPECIFIED BY ARCHITECTS AND
METAL CRAFTSMEN AS "THE STANDARD OF QUALITY"

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HANDRAILS, HANDRAIL BRACKETS AND TERMINALS, BALUSTERS, BALUSTER COLLARS AND ORNAMENTS, RAILING PANELS, FINIALS, PIPE RAIL FITTINGS, TREILLAGE, THRESHOLDS AND NOSINGS, BARS AND SHAPES, PIPE AND TUBING, FASTENINGS, ARCHITECTURAL MOULDING AND TRIM, DOOR SECTIONS, WINDOW AND STORE FRONT SECTIONS, LOCKS AND HANDLES, PERFORATED AND EMBOSSED SHEETS, METAL LETTERS, LANTERNS AND MANY OTHER ITEMS SHOWN IN INDEX.

All Braun Products are designed by experienced craftsmen and manufactured in the most modern equipped plants. Each order is carefully checked before shipping to assure our customers the best quality obtainable.

Materials are generally carried in stock for immediate shipment—
F. O. B. Chicago or F. O. B. New York.

Special shapes can be produced
to your exact specification.



J.G. Braun Company



NEW YORK 537 WEST 35TH STREET

CHICAGO 609 SOUTH PAULINA STREET

EST. 1887

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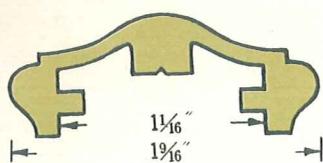
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ARCHITECTURAL BRONZE HANDRAILS

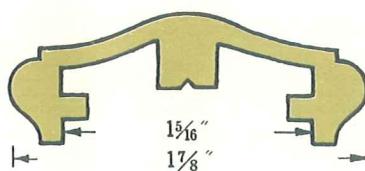
16' Random Lengths

Spec.—Copper 58%, Zinc, 38½%, Lead 3½%

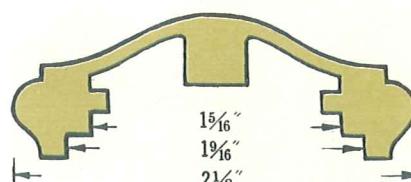
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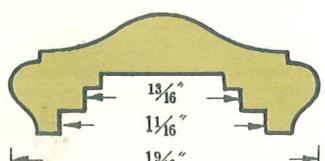
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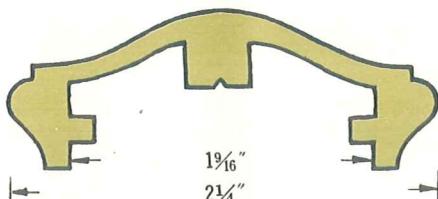
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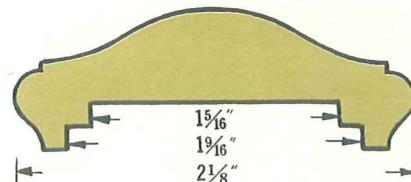
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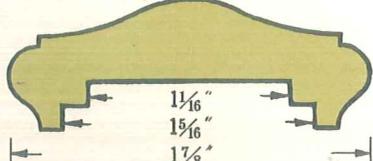
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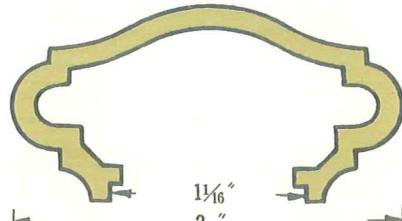
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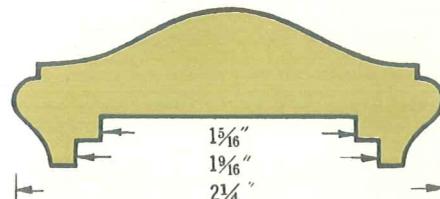
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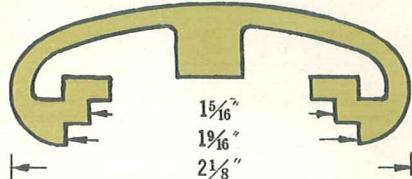
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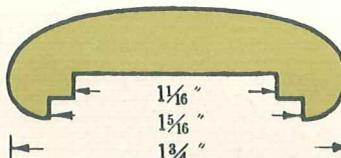
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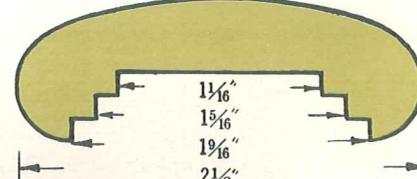
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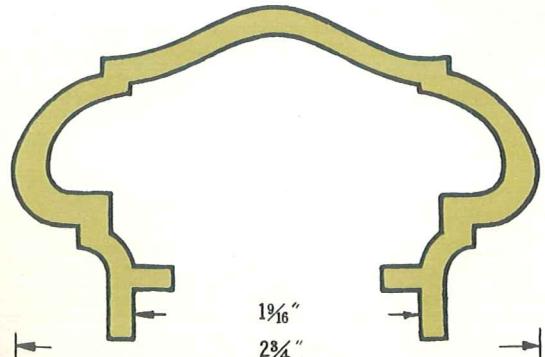
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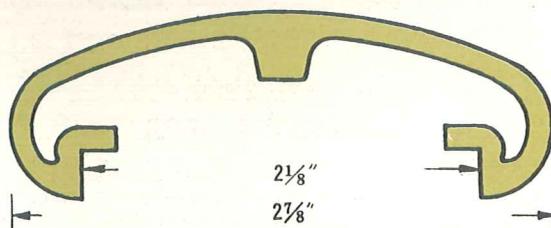
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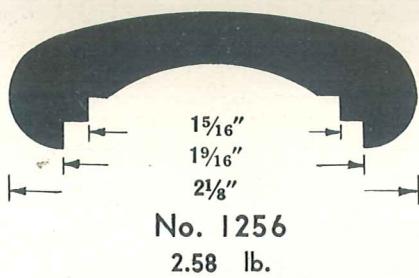
TERMINALS to fit the above sections are shown on page #10

STEEL HANDRAILS

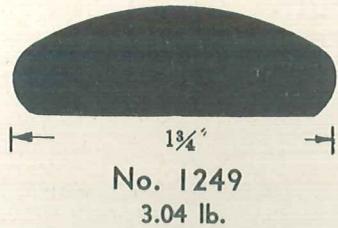
Weights and Measurements Approximate

Illustrations Full Size

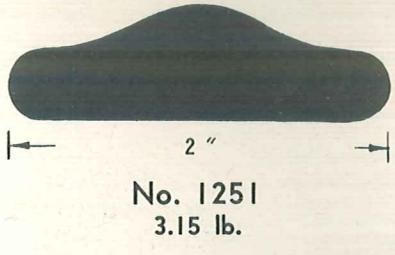
20 Foot Lengths unless otherwise specified



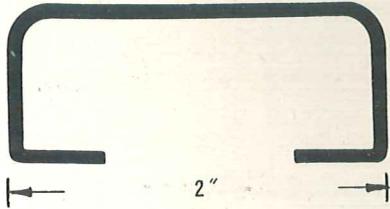
No. 1256
2.58 lb.



No. 1249
3.04 lb.



No. 1251
3.15 lb.



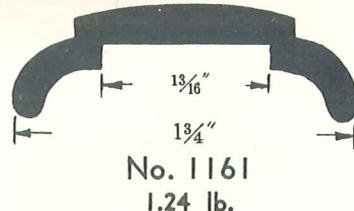
No. 2701
STAINLESS STEEL

Stainless Steel offers many advantages,
Easy Installation—Low Maintenance Cost—
Attractive and lasting finish.

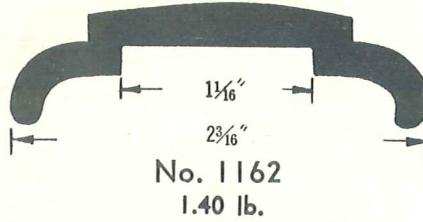
Thickness No. 18 B.W.G. Length 20 feet
No. 3 Mill Finish

CHANNELS to fit the above Steel sections are shown on page # 43

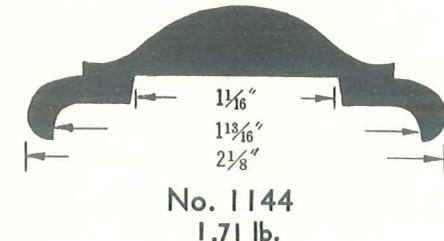
TERMINALS to fit the above Steel sections are shown on page # 10



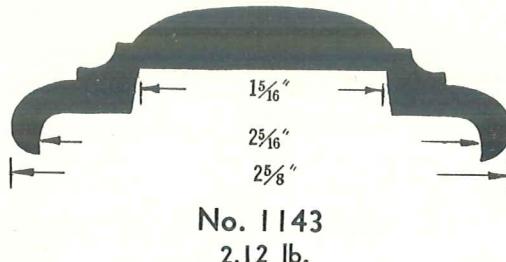
No. 1161
1.24 lb.



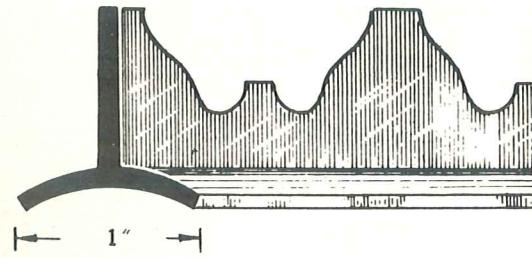
No. 1162
1.40 lb.



No. 1144
1.71 lb.



No. 1143
2.12 lb.



No. 1260
STEEL LOAFERS RAIL

Loafers Rails may be applied to Flat Bars or Pipe and can be bent if desired. Carried in 16 foot bars, also furnished Cut to Size.

J.G. Braun & Company

Chicago

New York

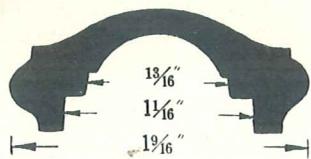
STEEL HANDRAILS

20 Foot Lengths unless otherwise specified

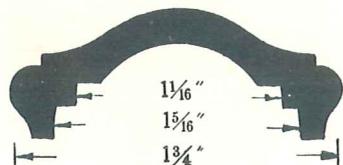
Illustrations Full Size

Weights and Measurements Approximate

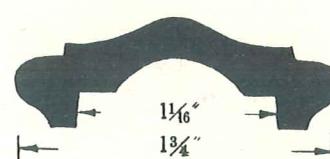
7



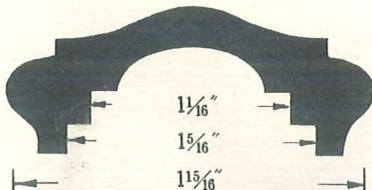
No. 1247
1.38 lb.



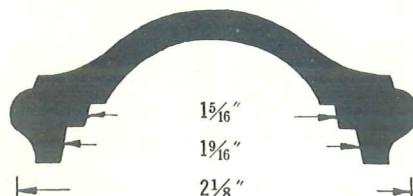
No. 1250
1.65 lb.



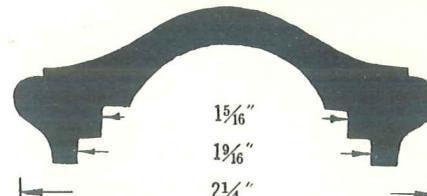
No. 1248
1.52 lb.



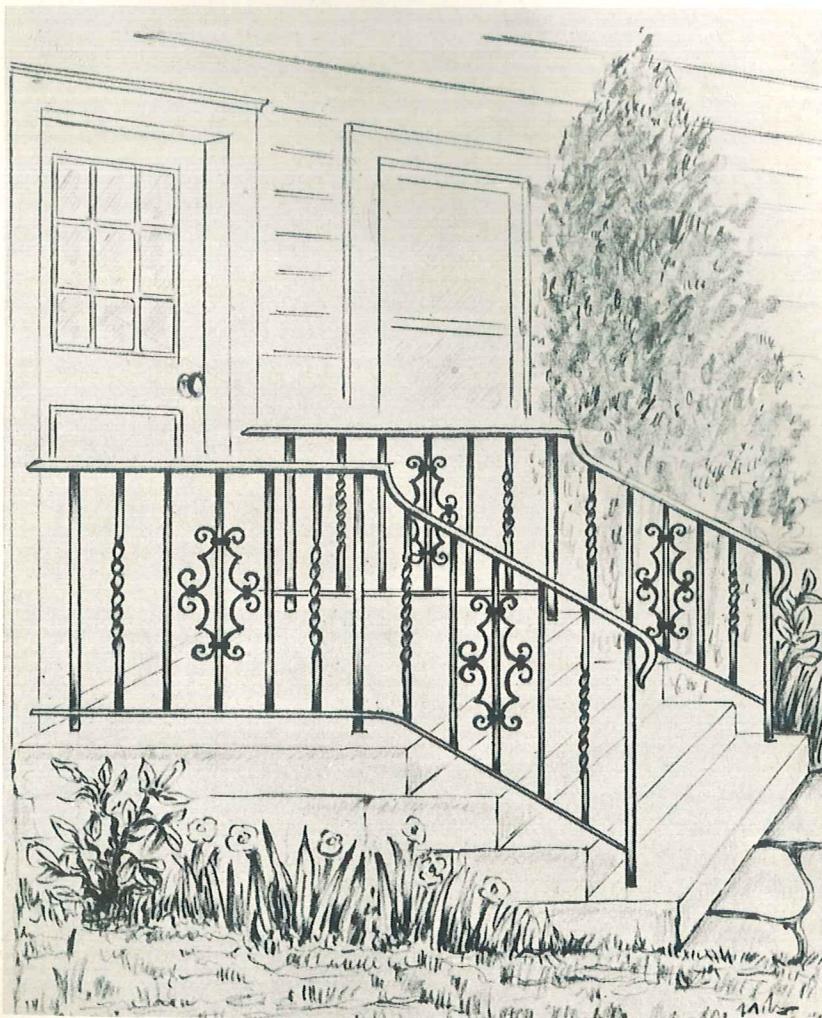
No. 1252
1.85 lb.



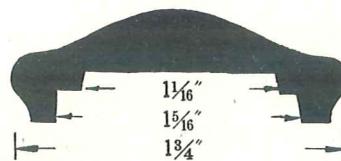
No. 1245
1.80 lb.



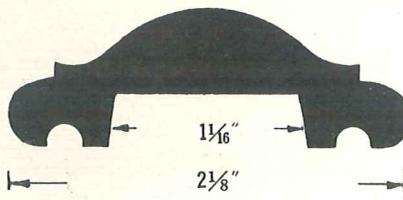
No. 1244
1.94 lb.



No. 1255
1.10 lb.



No. 1254
1.70 lb.



No. 68
2.46 lb.

CHANNELS to fit the above Steel sections are shown on page # 43

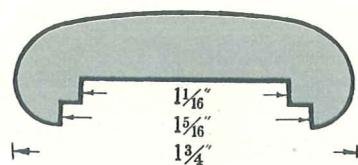
TERMINALS to fit the above Steel sections are shown on page # 10

ALUMINUM HANDRAILS

20 Foot Lengths Illustrations Full Size

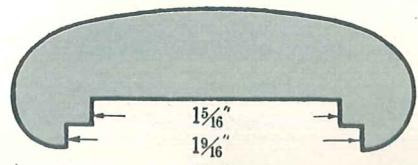
Al 63S-T5 Alloy

Weights and Measurements Approximate



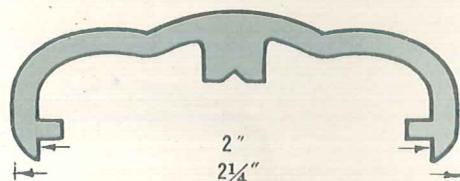
No. 4903

.770 lb.



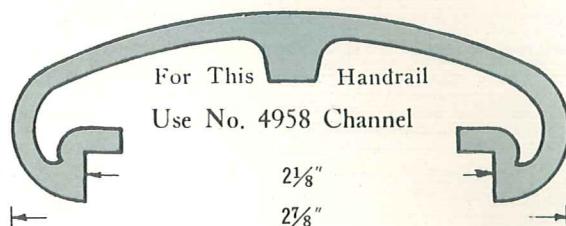
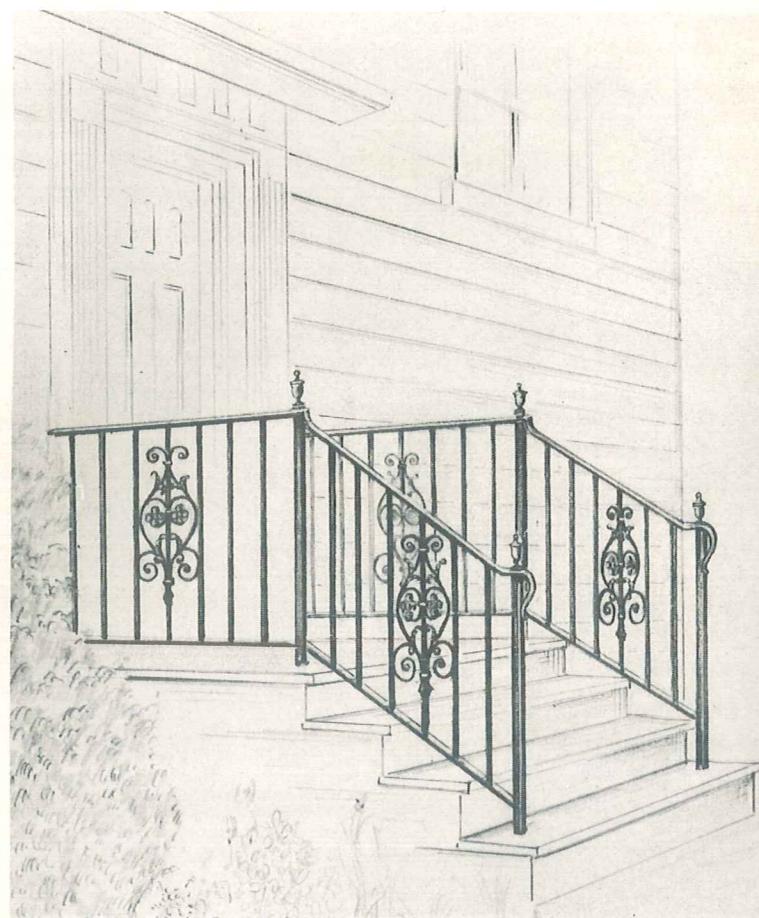
No. 4904

1.244 lb.



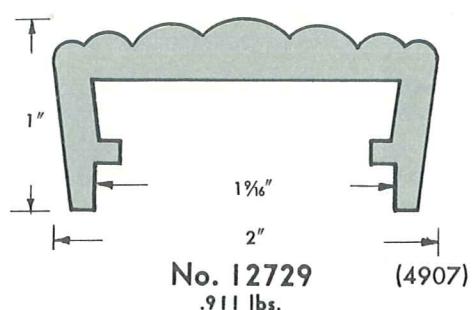
No. 4914

.581 lb.



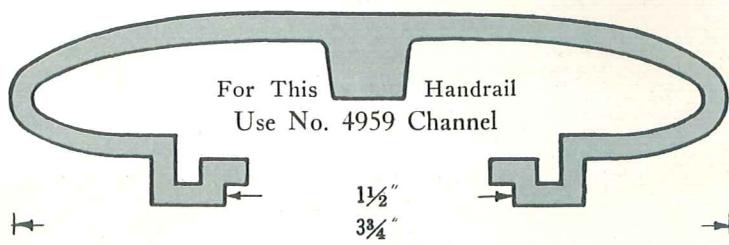
No. 4915 (16505)

.852 lb.



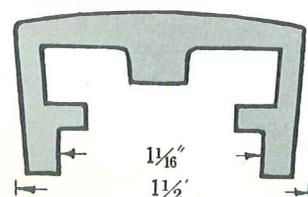
No. 12729

.911 lbs.



No. 4916 (16816)

1.408 lb.



No. 4906

.670 lb.

CHANNELS to fit the above Aluminum sections are shown on page # 48

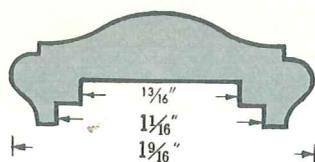
TERMINALS to fit the above Aluminum sections are shown on page # 10

ALUMINUM HANDRAILS

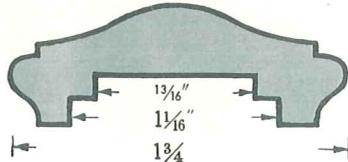
20 Foot Lengths Illustrations Full Size

All 63S-T5 Alloy

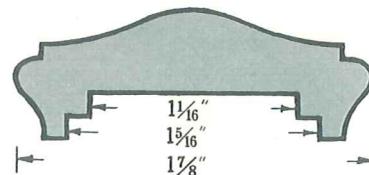
Weights and Measurements Approximate



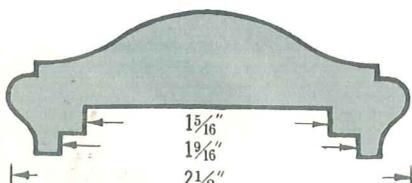
No. 4901
.614 lbs.



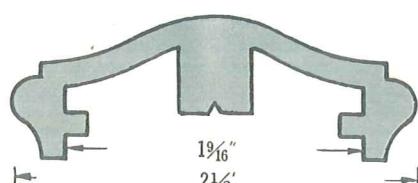
No. 4905
.716 lbs.



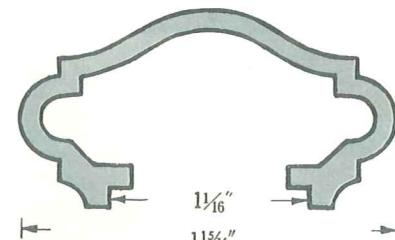
No. 4908
.835 lbs.



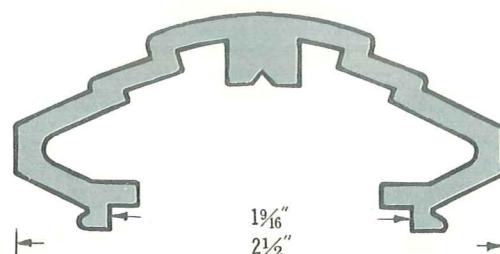
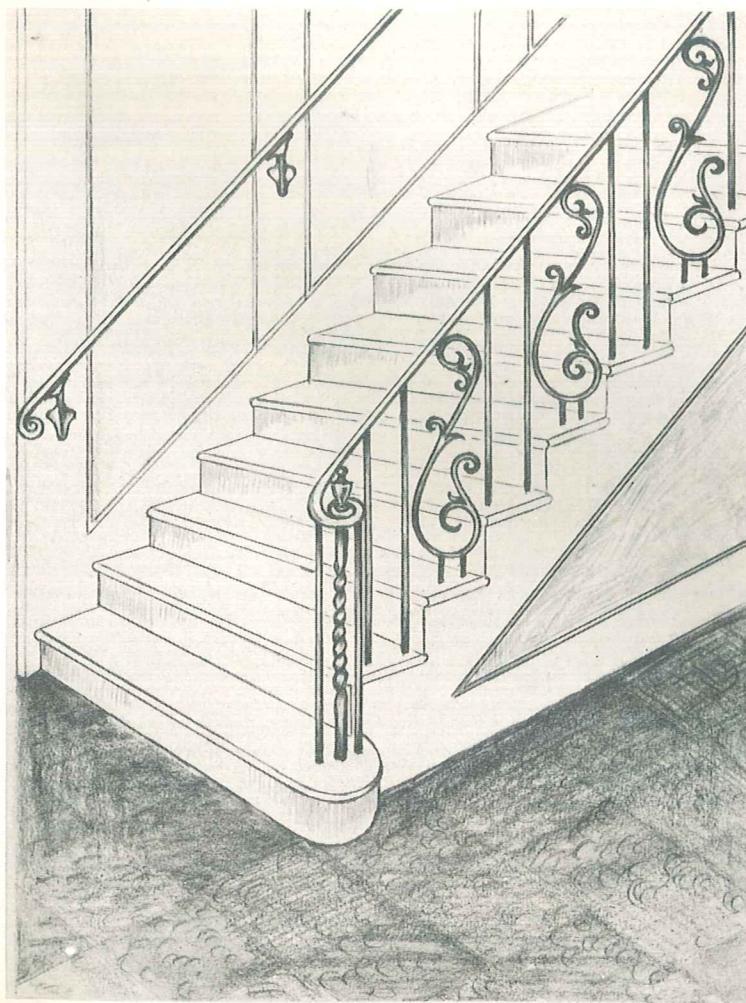
No. 4900
1.010 lb.



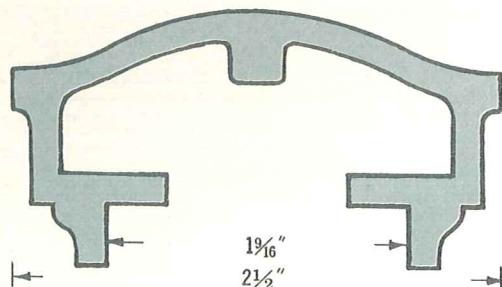
No. 4909 (23681)
.690 lb.



No. 4913
.492 lb.



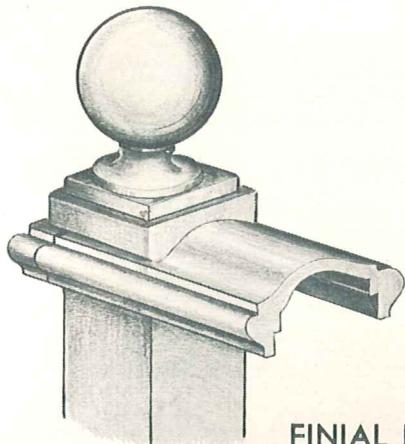
No. 4912 (3986)
.816 lb.



No. 4902
1.192 lb.

CHANNELS to fit the above Aluminum sections are shown on page #48

TERMINALS to fit the above Aluminum sections are shown on page #10

HANDRAIL TERMINALS**FINIAL BASE**

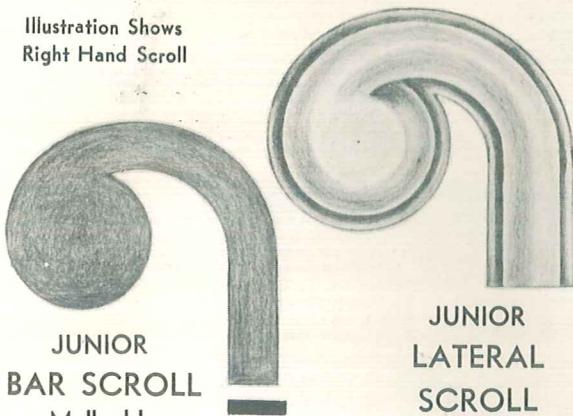
FOR STEEL Handrails
No. 1247
No. 1248

FINIAL BASE

FOR ALUMINUM Handrails
None available

FOR BRONZE Handrails
None available

Illustration Shows
Right Hand Scroll

**JUNIOR BAR SCROLL Malleable****JUNIOR LATERAL SCROLL**

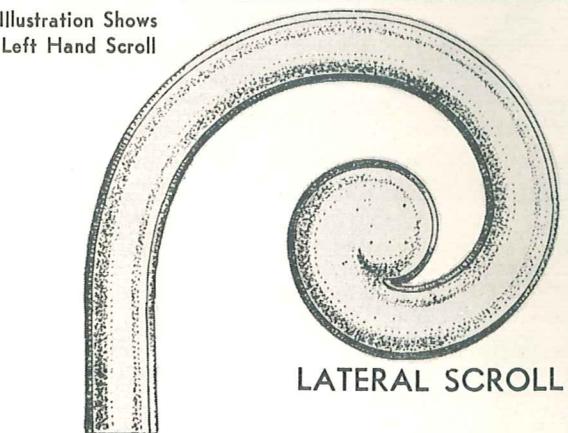
FOR STEEL Handrails
No. 1247
No. 1248

FOR ALUMINUM Handrails
None available

FOR BRONZE Handrails
None available

JUNIOR LATERAL SCROLL

Illustration Shows
Left Hand Scroll

**LATERAL SCROLL**

FOR STEEL Handrails
#1247 and #1248

FOR ALUMINUM Handrails
None available

FOR BRONZE Handrails
None available

LATERAL SCROLL

FOR STEEL Handrails
No. 68
No. 1245
No. 1247
No. 1248
No. 1252
No. 1256

FOR ALUMINUM Handrails
No. 4900
No. 4901
No. 4904
No. 4909

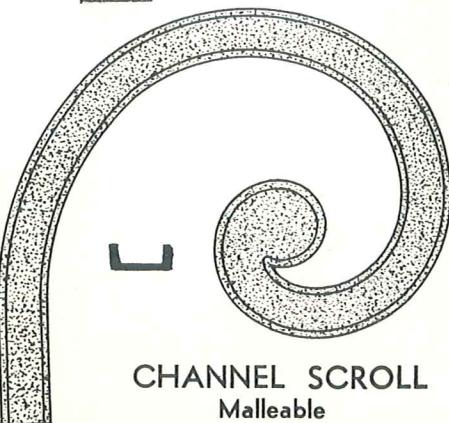
FOR BRONZE Handrails
2812 2845
2813 2847
2816 2848
2817 2850
2852
2853

CHANNEL SCROLL (MALLEABLE)

Will fit Handrails
No. 1245
No. 1247
No. 1248
No. 1252

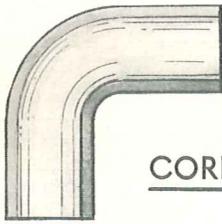
Will fit Handrails
No. 4900
No. 4901
No. 4904
No. 4908
No. 4909

Will fit Handrails
2812 2845
2813 2847
2816 2848
2817 2850
2852

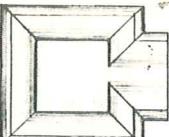
**CHANNEL SCROLL Malleable**

Lateral Scrolls are furnished Right and Left. Scroll as illustrated is *Left* for left side rail. For opposite hand order *Right* Scroll. A sheet giving *Full Sizes* of these Lateral Scrolls will be sent on request.

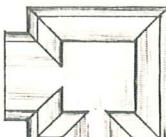
HANDRAIL TERMINALS



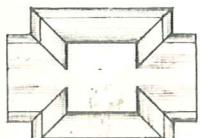
CORNER BENDS



END CAP

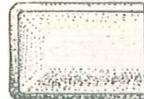


CORNER CAP

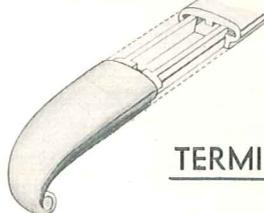
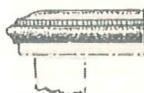


CAPS

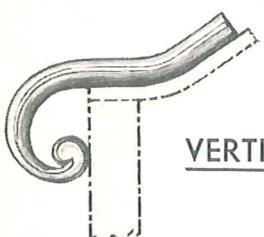
CENTER CAP



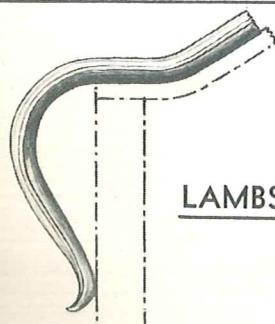
SQUARE TERMINALS



TERMINAL END



VERTICAL END



LAMBS TONGUE

FOR STEEL
HANDRAILS

None
available

FOR ALUMINUM

HANDRAILS
No. 4900
No. 4901
No. 4904
No. 4908
No. 4909

FOR BRONZE

HANDRAILS
No. 2812 No. 2847
No. 2813 No. 2848
No. 2817 No. 2850
No. 2845 No. 2852

FOR STEEL
HANDRAILS

None
available

FOR ALUMINUM

HANDRAILS
No. 4900
No. 4908
No. 4909

FOR BRONZE

HANDRAILS
No. 2813
No. 2845
No. 2848
No. 2850

FOR STEEL
HANDRAILS

No. 1245
No. 1247
No. 1248
No. 1252
No. 1256

FOR ALUMINUM

HANDRAILS
No. 4900
No. 4901
No. 4904
No. 4908
No. 4909
No. 4915

FOR BRONZE

HANDRAILS
No. 2812 No. 2845
No. 2813 No. 2847
No. 2817 No. 2848
No. 2819 No. 2850
No. 2852

FOR STEEL
HANDRAILS

No. 1256

FOR ALUMINUM

HANDRAILS
No. 4904
No. 4915
(16505)

FOR BRONZE

HANDRAILS
No. 2817
No. 2819
No. 2852

FOR STEEL
HANDRAILS

No. 1245
No. 1247
No. 1248
No. 1252
No. 1256

FOR ALUMINUM

HANDRAILS
No. 4900
No. 4901
No. 4904
No. 4907
No. 4909

FOR BRONZE

HANDRAILS
No. 2812 No. 2845
No. 2813 No. 2847
No. 2817 No. 2848
No. 2819 No. 2850
No. 2852

FOR STEEL
HANDRAILS

No. 68
No. 1245
No. 1247
No. 1248
No. 1252
No. 1256

FOR ALUMINUM

HANDRAILS
No. 4900
No. 4901
No. 4904
No. 4908
No. 4909

FOR BRONZE

HANDRAILS
No. 2812 No. 2845
No. 2813 No. 2847
No. 2816 No. 2848
No. 2817 No. 2850
No. 2819 No. 2852
No. 2853

J.G. Braun & Company

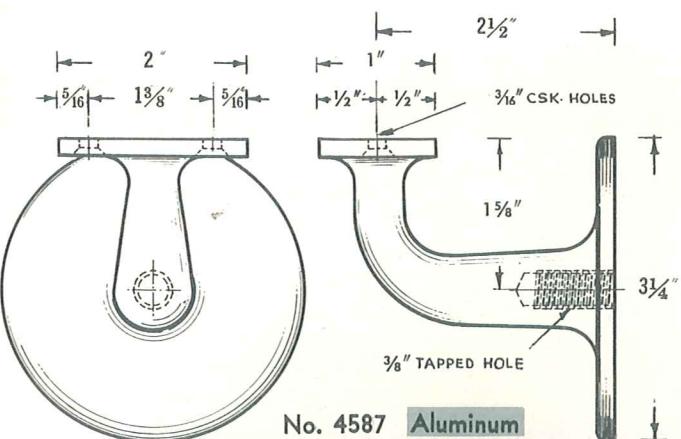
Chicago



New York

BRACKETS

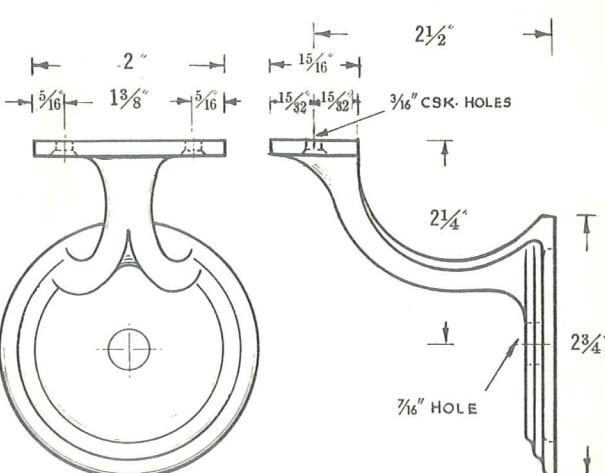
FOR FLAT BARS OR CHANNELS



No. 4587 Aluminum

No. 4588 Bronze

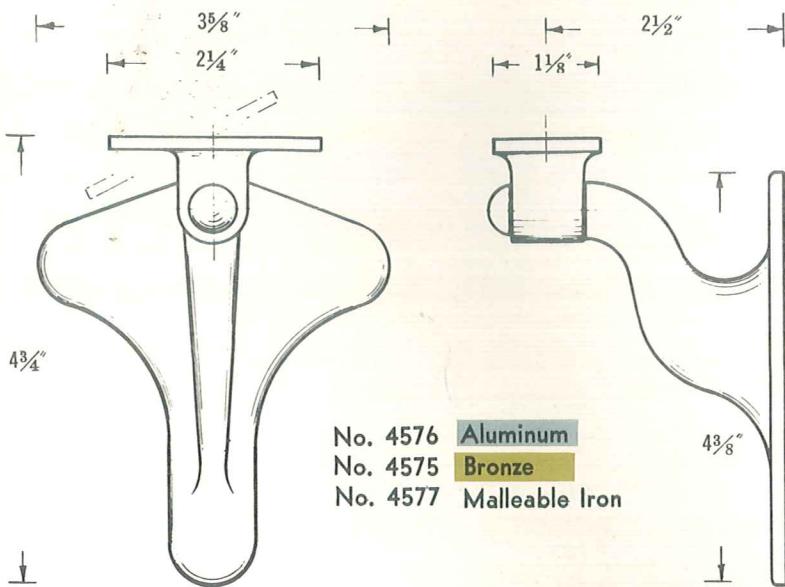
No. 4589 Malleable Iron



No. 4580 Aluminum

No. 4584 Bronze

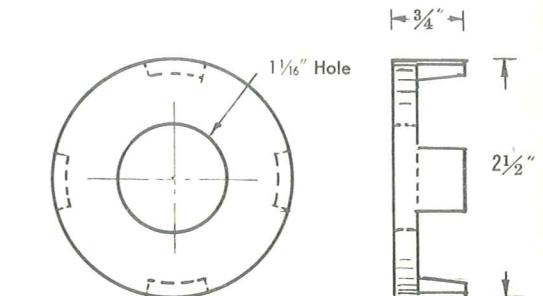
No. 4591 Malleable Iron



No. 4576 Aluminum

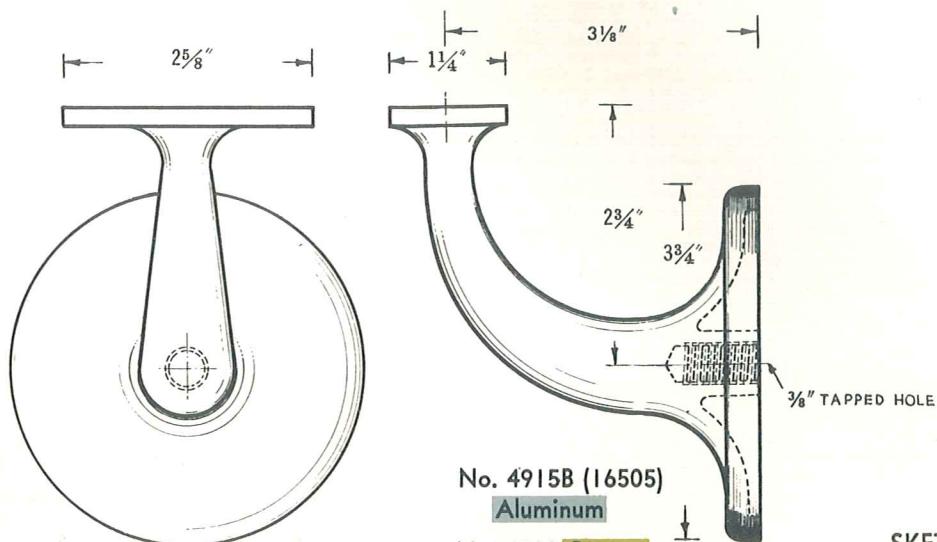
No. 4575 Bronze

No. 4577 Malleable Iron



No. 4405

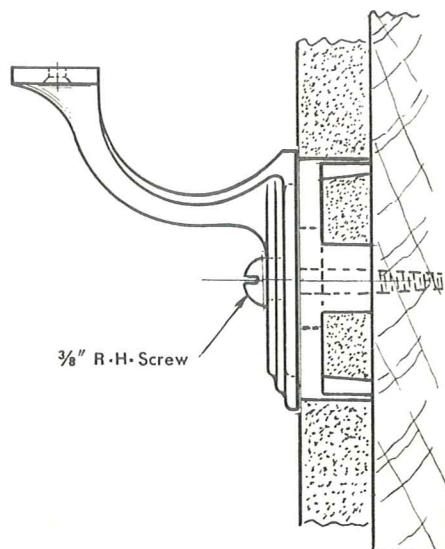
CAST IRON WALL BRACKET FILLER



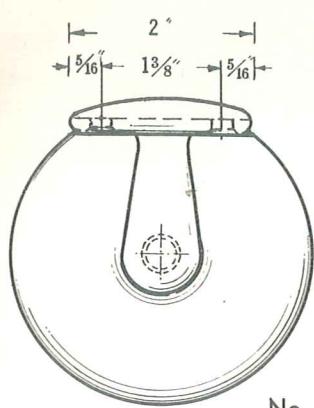
No. 4915B (16505)

Aluminum

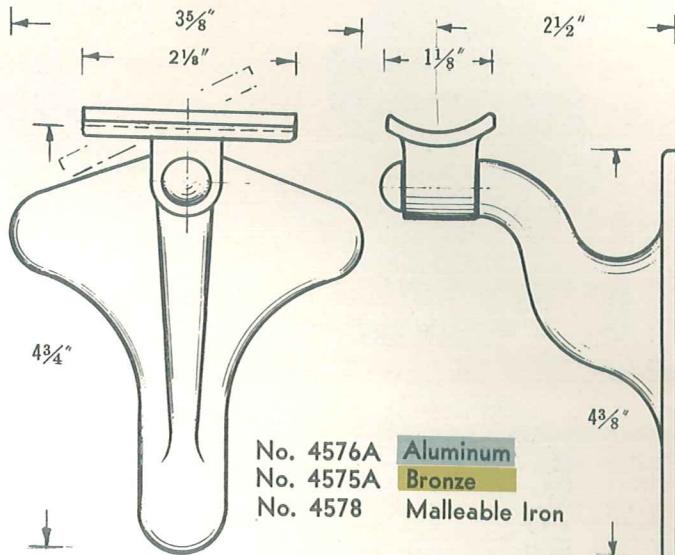
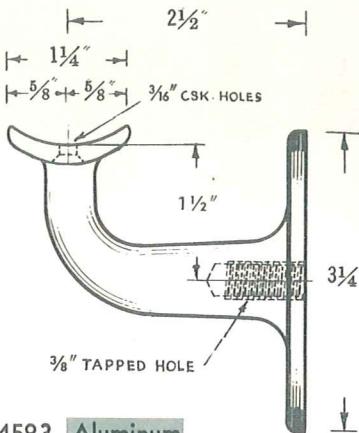
No. 4592 Bronze

SKETCH SHOWING FASTENING OF
WALL BRACKET USING FILLER No. 4405

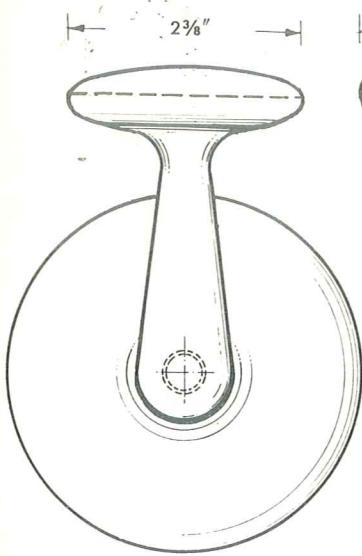
BRACKETS FOR PIPE RAILS



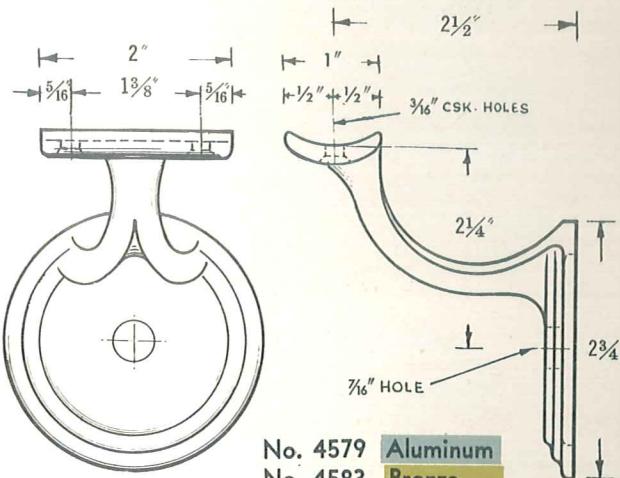
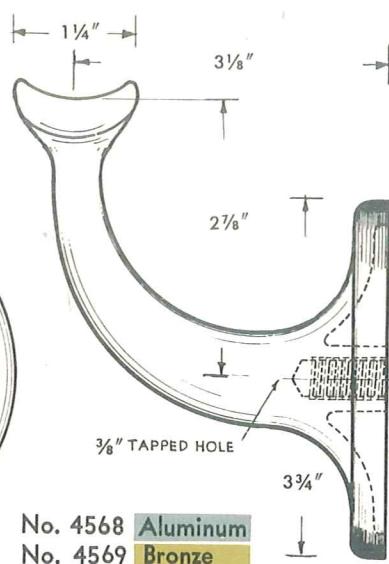
No. 4593 Aluminum
No. 4594 Bronze
No. 4595 Malleable Iron



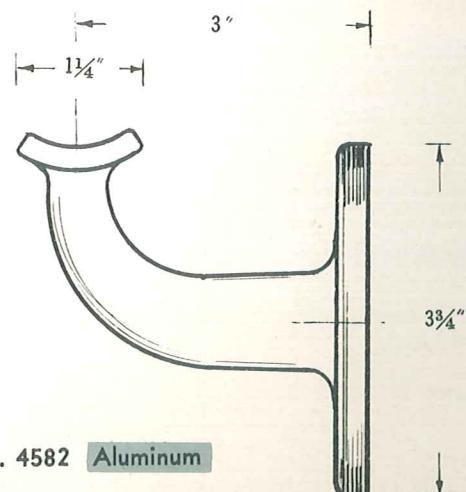
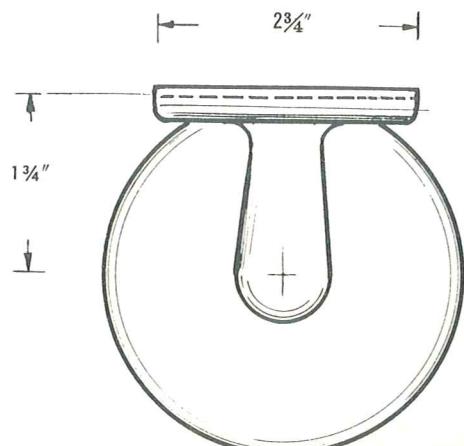
No. 4576A Aluminum
No. 4575A Bronze
No. 4578 Malleable Iron



No. 4568 Aluminum
No. 4569 Bronze



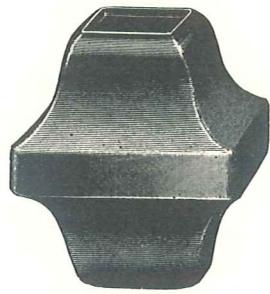
No. 4579 Aluminum
No. 4583 Bronze
No. 4596 Malleable Iron



No. 4582 Aluminum

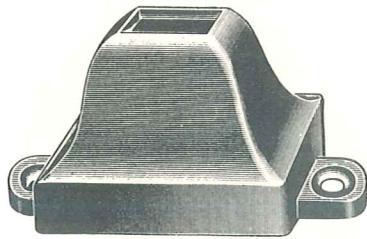
BALUSTER COLLARS

PRESSED STEEL

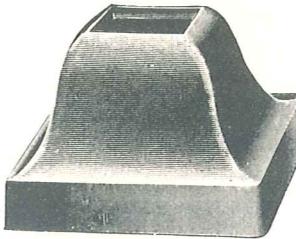


Type K

TYPE	HOLE	WIDTH	HEIGHT
Ka	$\frac{1}{2}''$ Sq.	$1\frac{3}{8}''$	$1\frac{5}{8}''$
Kb	$\frac{5}{8}''$ "	$1\frac{3}{8}''$	$1\frac{5}{8}''$

Type U
FOR WOOD TREADS

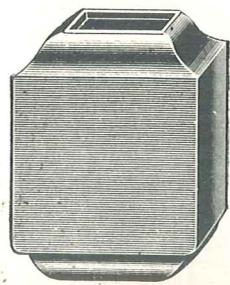
HOLE	WIDTH	HEIGHT
$\frac{1}{2}''$ Sq.	$1\frac{1}{4}''$	$7/8''$



Type I

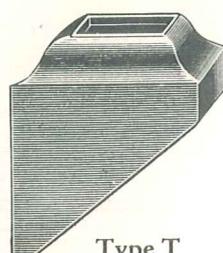
TYPE	HOLE	WIDTH	HEIGHT
Ia	$\frac{1}{2}''$ Sq.	$1\frac{3}{16}''$	1"
Ib	$\frac{5}{8}''$ "	$1\frac{3}{16}''$	1"
Ic	$\frac{1}{2}''$ "	$1\frac{3}{8}''$	$1\frac{1}{8}''$
Id	$\frac{5}{8}''$ "	$1\frac{3}{8}''$	$1\frac{1}{8}''$
Ie	$\frac{5}{8}''$ "	$1\frac{3}{4}''$	$1\frac{1}{8}''$
* If	$\frac{3}{4}''$ "	$1\frac{3}{4}''$	$1\frac{1}{8}''$
* Ig	1"	$2\frac{1}{8}''$	$1\frac{1}{4}''$
* Ih	$1\frac{1}{4}''$ "	3"	$1\frac{3}{4}''$

* Malleable Iron



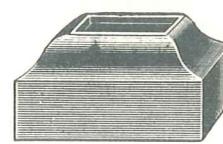
Type S

Hole	Width	Height
$\frac{1}{2}''$ Sq.	1"	$1\frac{1}{4}''$
$\frac{5}{8}''$ "	1"	$1\frac{1}{4}''$



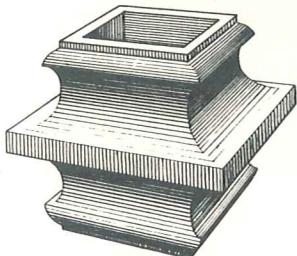
Type T

Hole	Width	Height
$\frac{1}{2}''$ Sq.	1"	$1\frac{1}{8}''$
$\frac{5}{8}''$ "	1"	$1\frac{1}{8}''$
$\frac{3}{4}''$ "	$1\frac{1}{16}''$	$1\frac{1}{4}''$



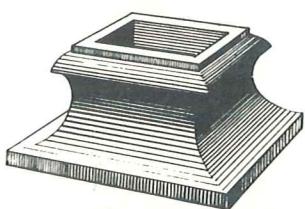
Type R

HOLE	WIDTH	HEIGHT
$\frac{1}{2}''$ Sq.	1"	$\frac{9}{16}''$

POLISHED BRONZE
and ALUMINUM

Type N

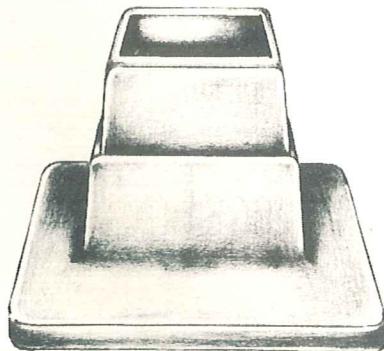
HOLE	WIDTH	HEIGHT
$\frac{1}{2}''$ Sq.	$1\frac{3}{16}''$	$1\frac{3}{8}''$
$\frac{5}{8}''$ "	$1\frac{3}{8}''$	$1\frac{3}{8}''$
$\frac{3}{4}''$ "	$1\frac{1}{16}''$	$1\frac{3}{16}''$



Type E

HOLE	WIDTH	HEIGHT
$\frac{1}{2}''$ Sq.	$1\frac{3}{8}''$	$\frac{3}{4}''$
$\frac{5}{8}''$ "	$1\frac{1}{2}''$	$\frac{7}{8}''$
$\frac{3}{4}''$ "	$1\frac{5}{8}''$	1"
1"	2"	$1\frac{1}{8}''$

MALLEABLE IRON



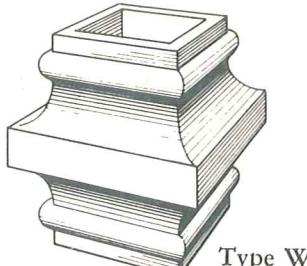
POST FLANGES

Malleable Iron

No. 100

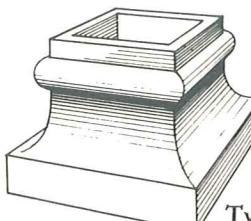
HOLE	WIDTH	HEIGHT
1" Sq	2"	$1\frac{1}{8}''$
$1\frac{1}{4}''$ "	$3\frac{1}{4}''$	$1\frac{7}{8}''$
$1\frac{1}{2}''$ "	$3\frac{1}{2}''$	2"
2"	$4\frac{1}{4}''$	$2\frac{1}{4}''$
† 3"	$5\frac{1}{4}''$	$2\frac{3}{8}''$

† Cast Iron

NOTE: When Ordering, Specify
Numbers and Sizes of Materials Wanted.

Type W

HOLE	WIDTH	HEIGHT
$\frac{1}{2}''$ Sq.	$1\frac{1}{8}''$	$1\frac{1}{4}''$
$\frac{5}{8}''$ "	$1\frac{5}{16}''$	$1\frac{3}{8}''$
$\frac{3}{4}''$ "	$1\frac{1}{2}''$	$1\frac{5}{8}''$



Type V

HOLE	WIDTH	HEIGHT
$\frac{1}{2}''$ Sq.	$1\frac{1}{8}''$	$\frac{7}{8}''$
$\frac{5}{8}''$ "	$1\frac{5}{16}''$	1"
$\frac{3}{4}''$ "	$1\frac{1}{2}''$	$1\frac{1}{8}''$
1"	2"	$1\frac{1}{4}''$

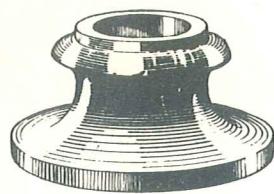
J.G. Braun & Company

Chicago

New York

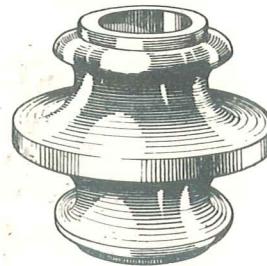
BALUSTER COLLARS

CAST IRON



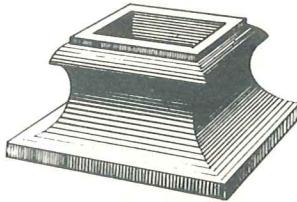
Type D

HOLE	WIDTH	HEIGHT
1/2" Rd.	1 3/8"	3/4"
5/8" "	1 1/2"	7/8"
3/4" "	1 5/8"	1"



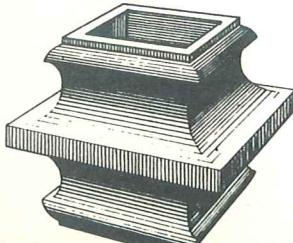
Type J

HOLE	WIDTH	HEIGHT
1/2" Rd.	1 1/4"	1 1/16"
5/8" "	1 3/8"	1 9/16"
3/4" "	1 5/8"	1 13/16"



Type E

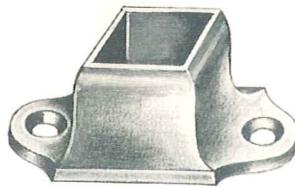
HOLE	WIDTH	HEIGHT
1/2" Sq.	1 3/8"	3/4"
5/8" "	1 1/2"	7/8"
3/4" "	1 5/8"	1"
1" "	2"	1 1/8"



Type N

HOLE	WIDTH	HEIGHT
1/2" Sq.	1 3/16"	1 3/8"
5/8" "	1 3/8"	1 5/8"
3/4" "	1 1/16"	1 13/16"

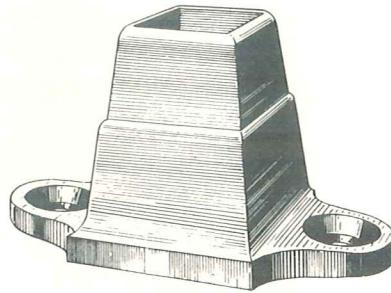
NOTE: When Ordering,
Specify Number, Sizes, etc., to
Identify Articles Wanted.



* Type Y

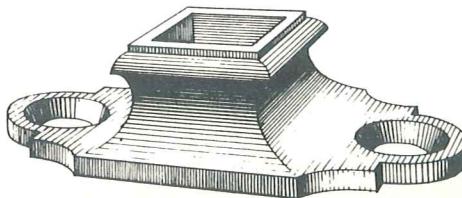
HOLE	HEIGHT	BASE
1/2" Sq.	3/4"	1 1/8" x 2 1/8"
5/8" "	7/8"	1 1/4" x 2 1/4"
3/4" "	1"	1 3/8" x 2 1/2"
1" "	1 1/8"	1 3/4" x 3"

* Malleable Iron



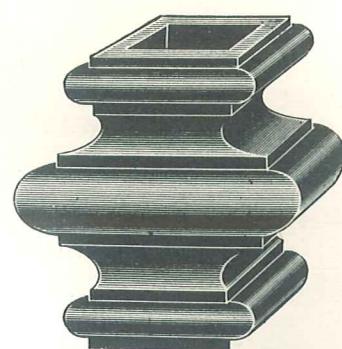
Type Z

HOLE	HEIGHT	BASE
1/2"	1 3/8"	1" x 2 3/8"
5/8"	1 3/4"	1 3/8" x 2 3/4"
3/4"	2"	1 1/2" x 3 1/4"
1"	2 1/4"	1 3/4" x 3 5/8"



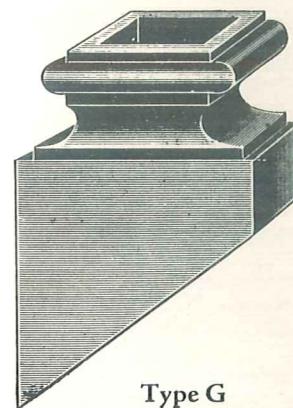
Type Q

HOLE	HEIGHT	BASE
1/2"	3/4"	1 3/8" x 3 1/8"
1"	1 1/8"	2 3/8" x 4 1/2"



Type H

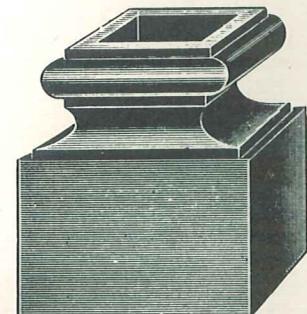
HOLE	WIDTH	HEIGHT
1/2" Sq.	1 1/2"	1 1/2"
5/8" "	1 5/8"	1 3/4"
3/4" "	1 3/4"	1 3/4"



Type G

HOLE	WIDTH	HEIGHT
1/2" Sq.	1 1/4"	1 3/4"
5/8" "	1 3/8"	2"
3/4" "	1 5/8"	2 1/4"

Collar G cast with thin edges
for change of pitch by grinding.



Type F

HOLE	WIDTH	HEIGHT
1/2" Sq.	1 1/4"	1 3/8"
5/8" "	1 3/8"	1 1/2"
3/4" "	1 5/8"	1 5/8"
1" "	1 1/4"	1 1/2"

J.G. Brauer Company

Chicago

New York

RAILING CASTINGS

Measurements Approximate

"WELD-IN" ORNAMENTS FOR BALUSTER BARS

Malleable Iron

The "Weld-In" Ornaments shown on this page are designed for making Baluster bars by welding short pieces of square iron to the center ornaments.

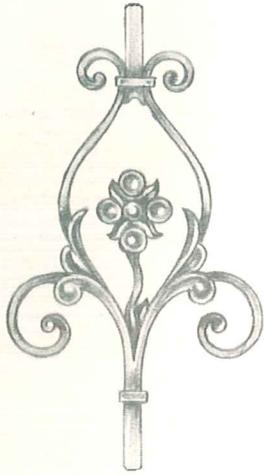
- For railings, grillwork, etc. these ornaments are more economical than full length castings, short waste pieces of bar stock can be utilized. Ends of ornaments are chamfered for easy welding.



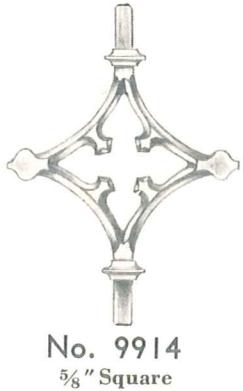
No. 9917
 $\frac{1}{2}$ " Square
Height $11\frac{5}{8}$ "
Width $4\frac{1}{2}$ "



No. 9916
 $\frac{1}{2}$ " Square
Height $9\frac{1}{4}$ "
Width 5"



No. 9953
 $\frac{1}{2}$ " Square
Height $14\frac{1}{2}$ "
Width $7\frac{3}{4}$ "



No. 9914
 $\frac{5}{8}$ " Square
Height 10"
Width $7\frac{1}{8}$ "



No. 9915
 $\frac{5}{8}$ " Square
Height $10\frac{7}{8}$ "
Width 6"

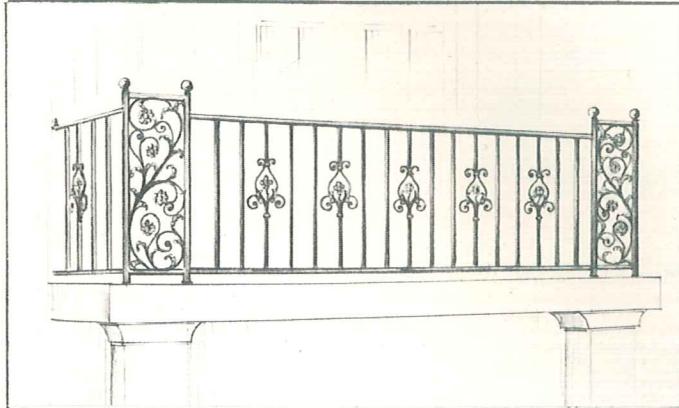
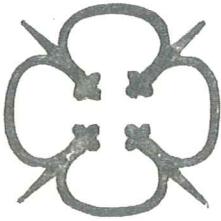


ILLUSTRATION showing assembly with No. 9953 casting.

QUATREFOILS

Malleable Iron



No. 8316— $4\frac{3}{8}$ " dia.
No. 8317— $4\frac{7}{8}$ " dia.
No. 8318— $5\frac{7}{8}$ " dia.

NOTE

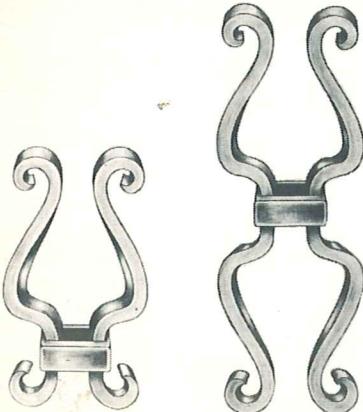
All castings shown on this page can also be furnished in Architectural Bronze or in Aluminum on request.

DOUBLE FACED REVERSIBLE

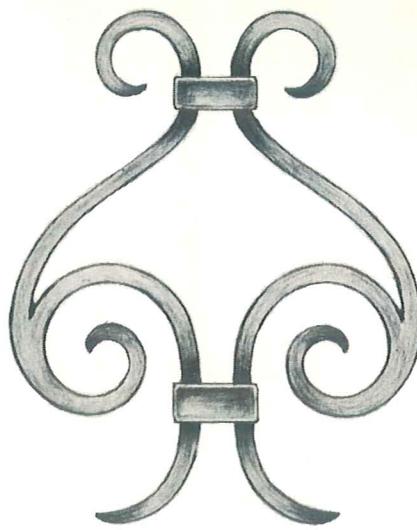
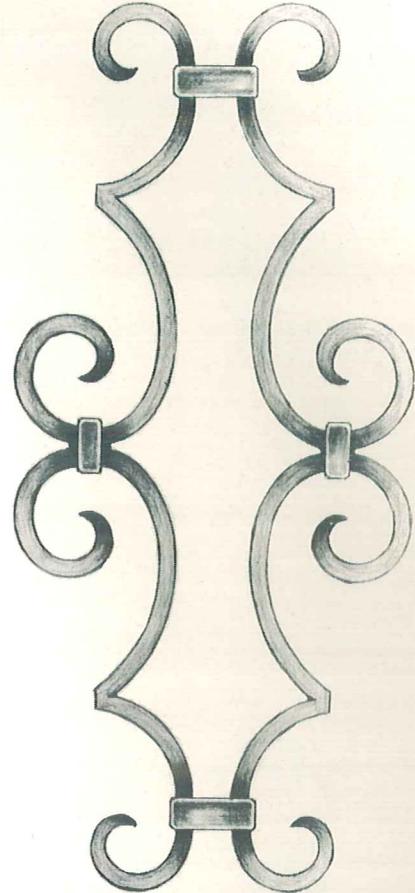
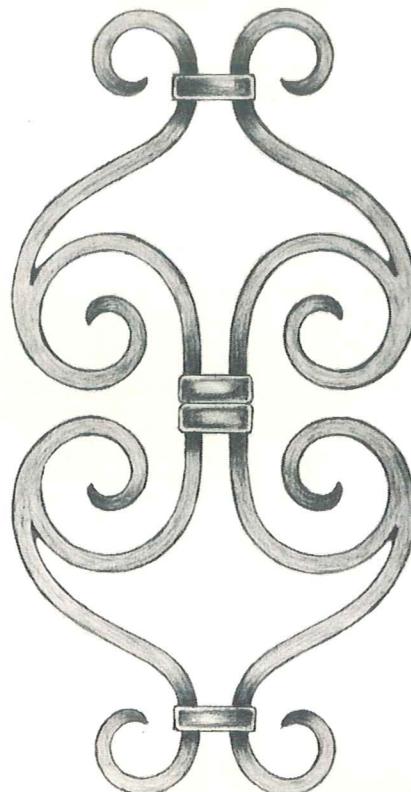
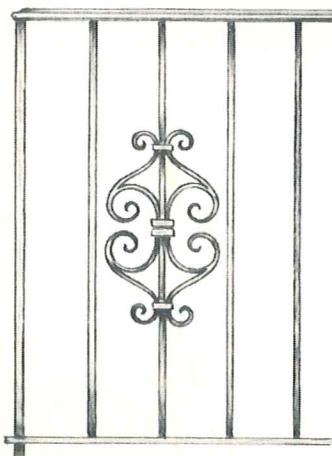
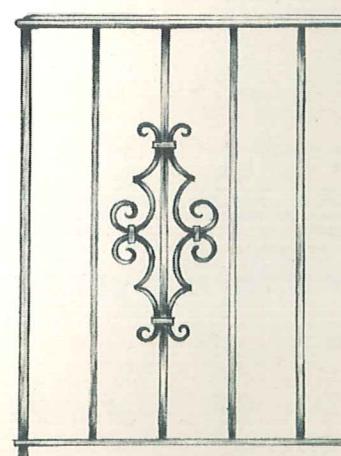
All castings are made from precision match-plate patterns and can be used in the most discriminating job.

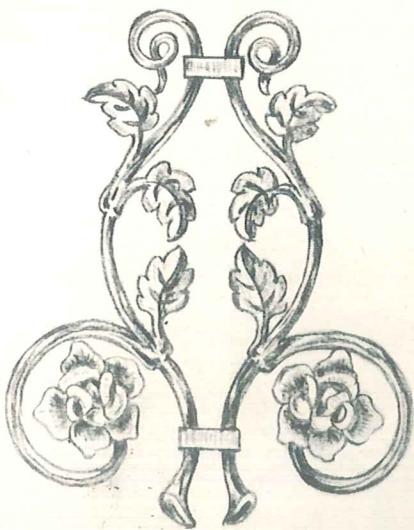
Illustrations $\frac{1}{4}$ full size**RAILING CASTINGS****SLIP ON BALUSTER ORNAMENTS
MALLEABLE IRON**

Measurements Approximate

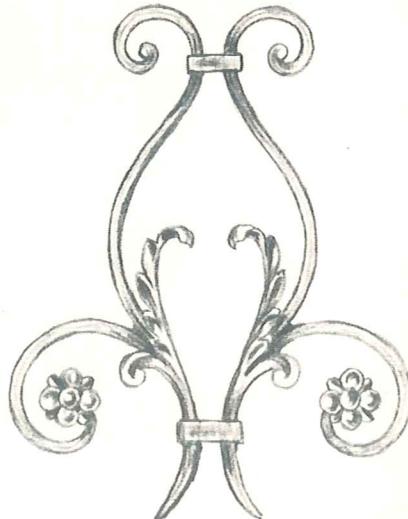
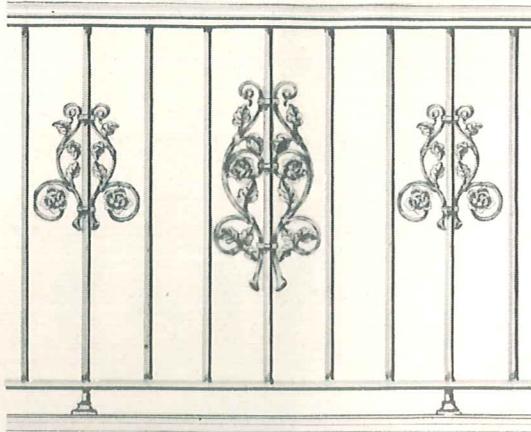
All castings shown on this page can also be furnished
in Architectural Bronze or Aluminum on request**No. 9942**Height 4 $\frac{1}{4}$ " Width 3"For $\frac{1}{2}$ " and $\frac{5}{8}$ " Square Bars**No. 9943**

Height 8" Width 3"

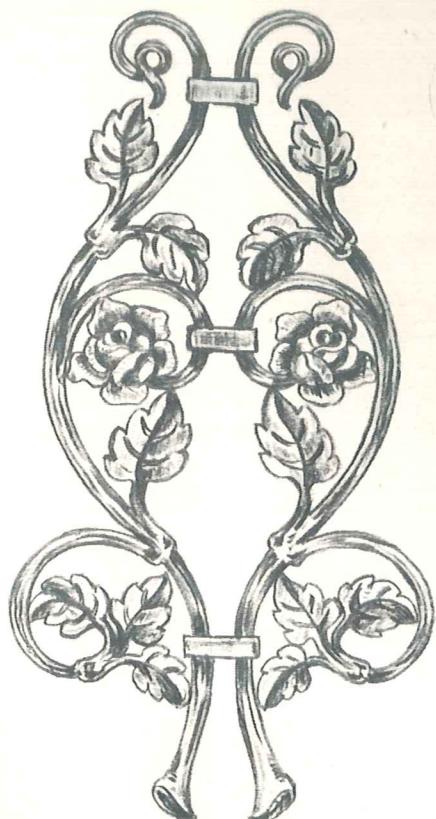
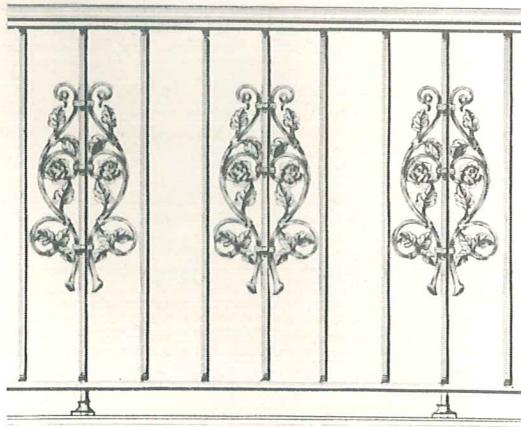
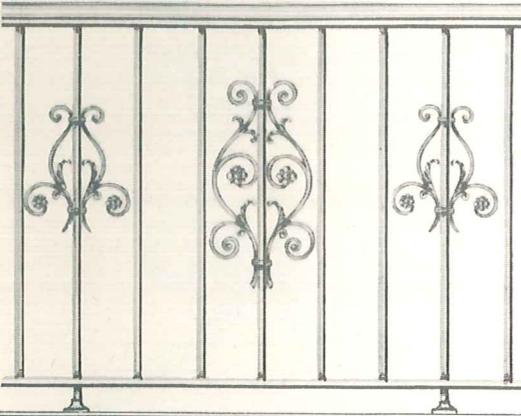
When ordering state for what size
square bar required— $\frac{1}{2}$ " Sq. or $\frac{5}{8}$ " Sq.**No. 9929**For $\frac{1}{2}$ " Square BarsHeight 10 $\frac{1}{4}$ "Width 8 $\frac{1}{2}$ "**No. 9946**For $\frac{1}{2}$ " Square BarsHeight 18" Width 8 $\frac{1}{4}$ "For $\frac{5}{8}$ " Square BarsHeight 18" Width 8 $\frac{3}{8}$ "**No. 9928**For $\frac{1}{2}$ " Square BarsHeight 16" Width 8 $\frac{5}{8}$ "ILLUSTRATION showing assembly
with No. 9928 double face casting.ILLUSTRATION showing assembly
with No. 9946 double face casting.

RAILING CASTINGSIllustrations $\frac{1}{4}$ Full Size**DOUBLE FACED****SLIP ON BALUSTER ORNAMENTS****MALLEABLE IRON**For $\frac{1}{2}$ " Square Bars

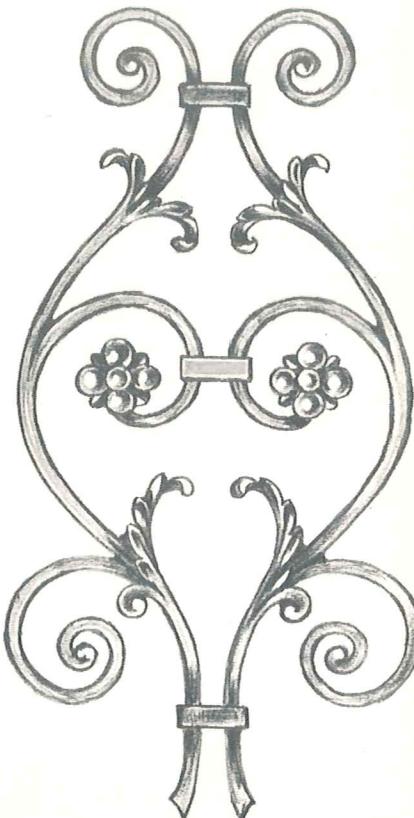
No. 9964

Height 10 $\frac{1}{2}$ "
Width 8 $\frac{1}{2}$ "

No. 9966

Height 10 $\frac{1}{2}$ "
Width 8 $\frac{1}{2}$ "

No. 9965

Height 16 $\frac{3}{4}$ "
Width 8 $\frac{1}{2}$ "

No. 9967

Height 16 $\frac{3}{4}$ "
Width 8 $\frac{1}{2}$ "

ORNAMENTAL BALUSTER ORNAMENTS
 shown here are the SLIP-ON type. Easy to
 apply, durable and inexpensive.

All castings shown on this page can also be furnished
 in Architectural Bronze or Aluminum on request

J.G. Braun & Company
 Chicago New York

Measurements Approximate

REVERSIBLE

RAILING CASTINGS

Measurements Approximate

SCALE - $1\frac{1}{2}$ " = 1'-0"

Malleable Iron

ALL RAILING PANELS are double faced and especially designed for railings of continuous design. They may also be used in construction of window guards, porch enclosures, etc.

REVERSIBLE
DOUBLE FACED
MALLEABLE
IRON



No. 9963

Height 28"
Width 11"



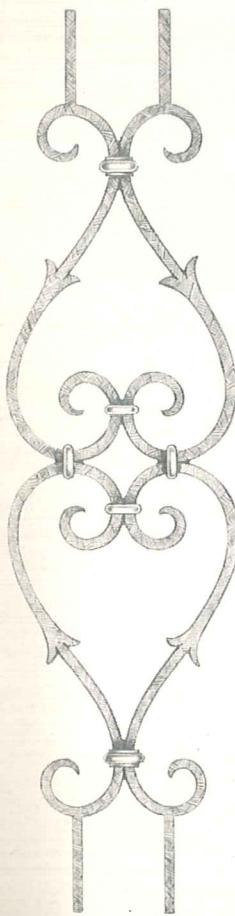
No. 9937

Height 32"
Width 9"

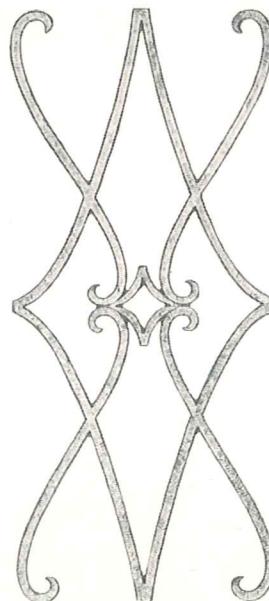


No. 9958

Height 28"
Width 11"

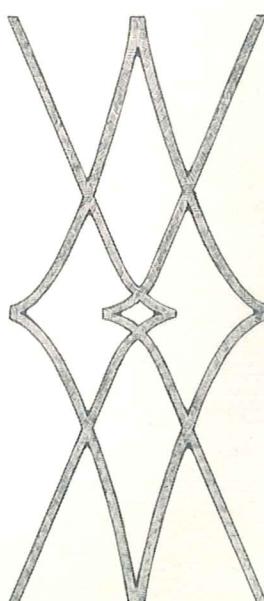


No. 9932
Height 37"
Width 9½"



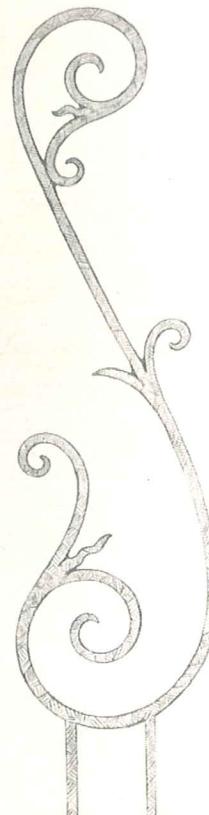
No. 9912

Height 24½"
Width 10½"



No. 9913

Height 24½"
Width 10½"



No. 9933
Height 33"
Width 8½"

All castings shown on this page can also be furnished in Architectural Bronze or Aluminum on request

J.G. Braun & Company

Chicago

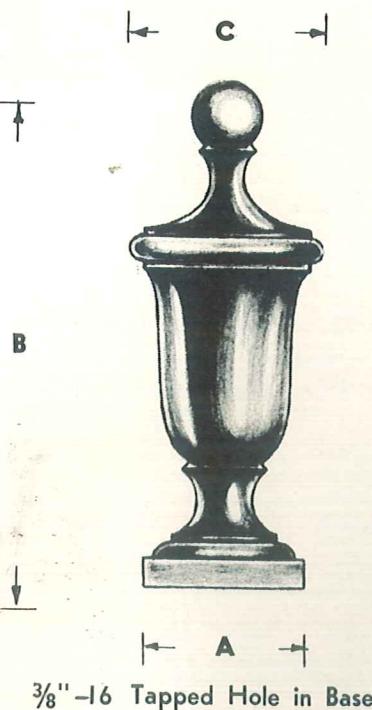
New York

FINIALS**URN TYPE****POLISHED BRONZE****SQUARE BASE**

	<i>A</i>	<i>B</i>	<i>C</i>
No. 4510	1"	3"	1½"
No. 4511	1¼"	4"	1½"
No. 4512	1½"	5"	1¾"
No. 4519	1¾"	6"	2¼"

ROUND BASE

No. 4516
No. 4517
No. 4518

**STEEL****SQUARE BASE**

	<i>A</i>	<i>B</i>	<i>C</i>
No. 4513	1"	3"	1¼"
No. 4514	1¼"	4"	1½"
No. 4515	1½"	5"	1¾"
No. 4539	1¾"	6"	2½"

No. 4533
No. 4534
No. 4535

POLISHED ALUMINUM**SQUARE BASE**

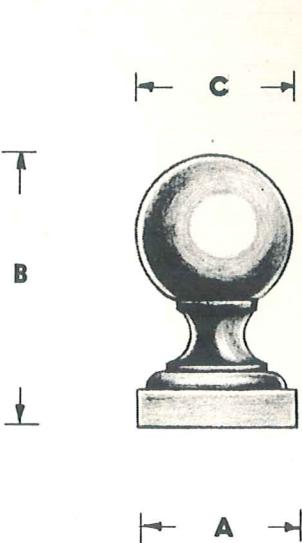
	<i>A</i>	<i>B</i>	<i>C</i>
No. 4570	1"	3"	1¼"
No. 4571	1¼"	4"	1½"
No. 4572	1½"	5"	1¾"

No. 4597
No. 4598
No. 4599

BALL TYPE**POLISHED BRONZE****SQUARE BASE**

	<i>A</i>	<i>B</i>	<i>C</i>
No. 4500	1"	1¾"	1"
No. 4501	1¼"	2⅝"	1¼"
No. 4502	1½"	2½"	1½"
No. 4551	1¾"	3¼"	2"

No. 4506
No. 4507
No. 4508

**STEEL****SQUARE BASE**

	<i>A</i>	<i>B</i>	<i>C</i>
No. 4503	1"	1¾"	1"
No. 4504	1¼"	2⅝"	1¼"
No. 4505	1½"	2½"	1½"
No. 4541	1¾"	3⅔"	2"

No. 4530
No. 4531
No. 4532

POLISHED ALUMINUM**SQUARE BASE**

	<i>A</i>	<i>B</i>	<i>C</i>
No. 4560	1"	1¾"	1"
No. 4561	1¼"	2⅝"	1¼"
No. 4562	1½"	2½"	1½"
No. 4564	1¾"	3¼"	2"

No. 4565
No. 4566
No. 4567

BALUSTER SPINDLES

FORGED

EASILY AND QUICKLY ASSEMBLED

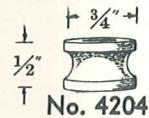
NO FILING

NO CUTTING OF THREADS

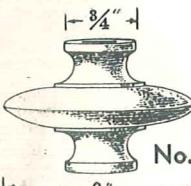
NO ADDITIONAL TIME CONSUMING LABOR

As may be seen from this and the next two following pages, our Spindles have been created sectionally. Parts are obtainable separately. Simply order by numbers indicated. If the entire Spindles are desired, order by numbers given on following pages and the complete set of parts will be furnished.

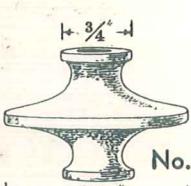
CENTERS



No. 4204

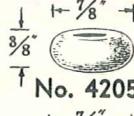


No. 4202

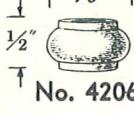


No. 4203

BUTTONS



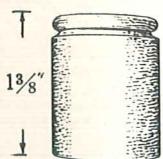
No. 4205



No. 4206

BALUSTER COLLARS

$\leftarrow \frac{1}{8}'' \rightarrow$



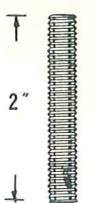
No. 4208

$\leftarrow \frac{1}{8}'' \rightarrow$



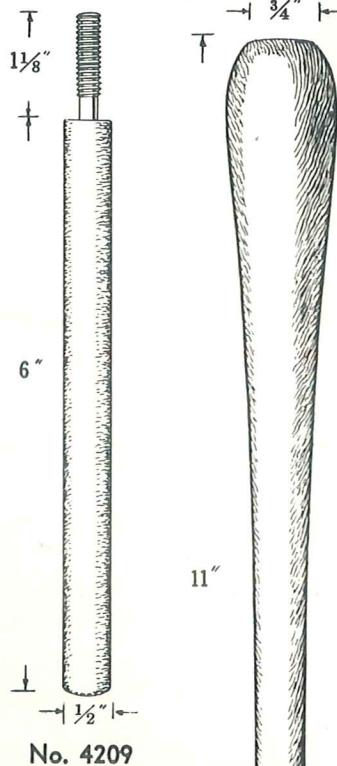
No. 4207

$\leftarrow \frac{5}{16}'' \rightarrow$



No. 4210

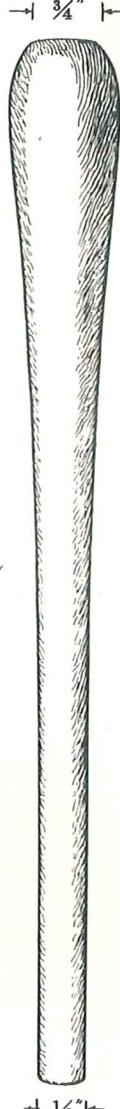
SPINDLES and STUDS



11"

$\leftarrow \frac{1}{2}'' \rightarrow$

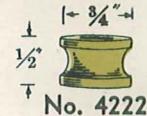
No. 4209



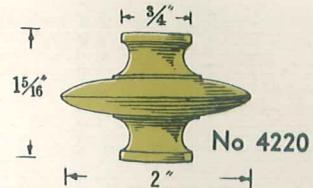
No. 4200

Our Spindles are designed with extreme care and their grace is appealing. Equal care was given in the process of manufacture. Forgings are clean and without unsightly burrs. Brass parts are highly polished, thus making for a perfect product requiring practically no additional work but to screw together.

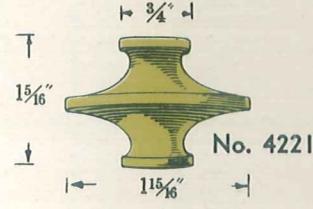
CENTERS



No. 4222

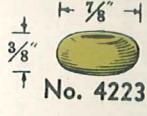


No. 4220

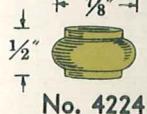


No. 4221

BUTTONS



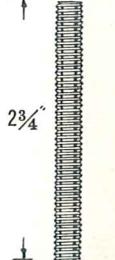
No. 4223



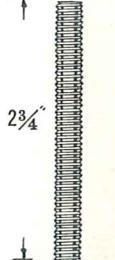
No. 4224

BALUSTER COLLARS

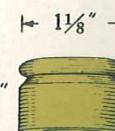
$\leftarrow \frac{1}{8}'' \rightarrow$



No. 4209 A



No. 4201



No. 4211



No. 4225



No. 4226

All parts are ready for assembly. Spindles and Studs have $\frac{5}{16}$ " U.S.S. thread. Centers and Buttons are drilled $\frac{5}{16}$ " for close slip fit. Baluster Collars are drilled $\frac{1}{2}$ " and $\frac{7}{16}$ ", respectively, for driving fit on to Studs.

All Baluster Collars can be used for open stringers. Nos. 4208 and 4226 are designed for use on closed stringers and have sufficient length to permit cutting to desired pitch.

The studs are 6" long and the assembled Spindles from $3\frac{1}{2}$ " to $36\frac{1}{4}$ ". They can, therefore, readily be cut to desired length.

Interesting results may be attained in Stair and other

Rails, Window Grilles, Bank Screens, Scroll Brackets and Braces, etc., through their use. The individual parts are useful in innumerable designs; such as, for instance, Wickets, Door Knockers, Gates and Fences, Lamps, Lanterns and Lighting Fitments.

Since we have now made available spindles in either all forged or the attractive combination of polished brass and iron, a greater use for them is at once open. They may be applied in the natural iron or painted. They can be hammered and forged to give antique effects and will look particularly attractive if a Swedish Iron Finish is applied.

J.G. Braun Company

Chicago

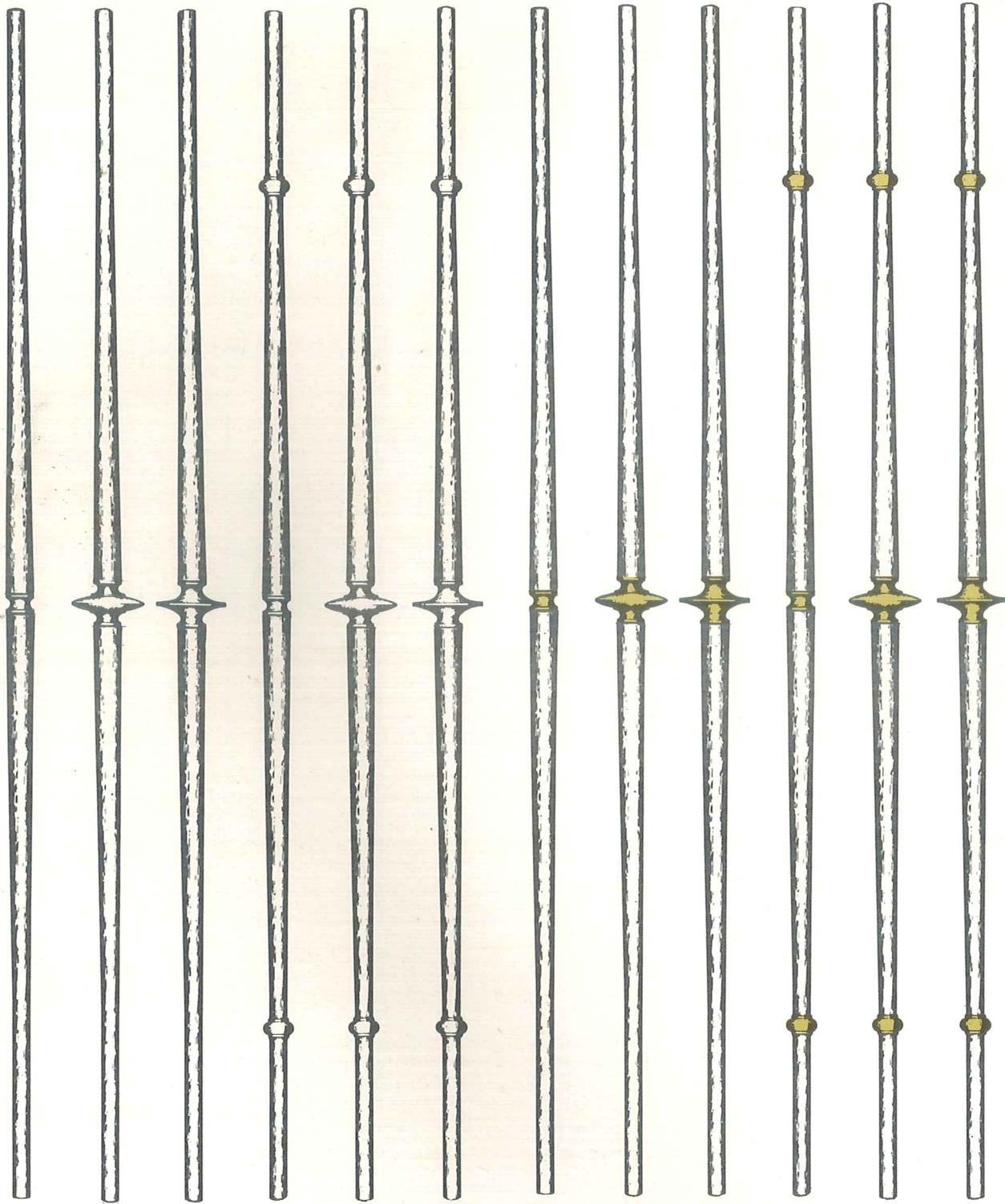
New York

BALUSTER SPINDLES

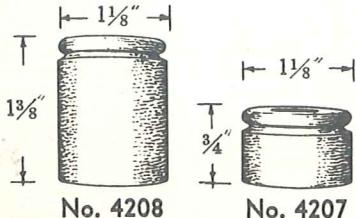
These Spindles are $\frac{7}{16}$ " thick at ends.

FORGED

All Brass parts furnished highly polished.

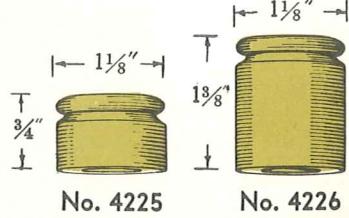


Number	4250	4251	4252	4256	4257	4258	4290	4291	4292	4296	4297	4298
Length	34 $\frac{1}{2}$ "	35 $\frac{5}{16}$ "	35 $\frac{5}{16}$ "	35 $\frac{1}{4}$ "	36 $\frac{1}{16}$ "	36 $\frac{1}{16}$ "	34 $\frac{1}{2}$ "	35 $\frac{5}{16}$ "	35 $\frac{5}{16}$ "	35 $\frac{1}{4}$ "	36 $\frac{1}{16}$ "	36 $\frac{1}{16}$ "



All Spindles are made sectional
allowing for additional variations.

End Studs are 6" long to allow for cutting to the desired length.
Collars Nos. 4207 and 4225 intended for use with open stringers.
Collars Nos. 4208 and 4226 may be cut to pitch when applied
to closed stringers.
When ordering Collars for these Spindles specify $\frac{7}{16}$ " hole.



J.G. Braun Company

Chicago

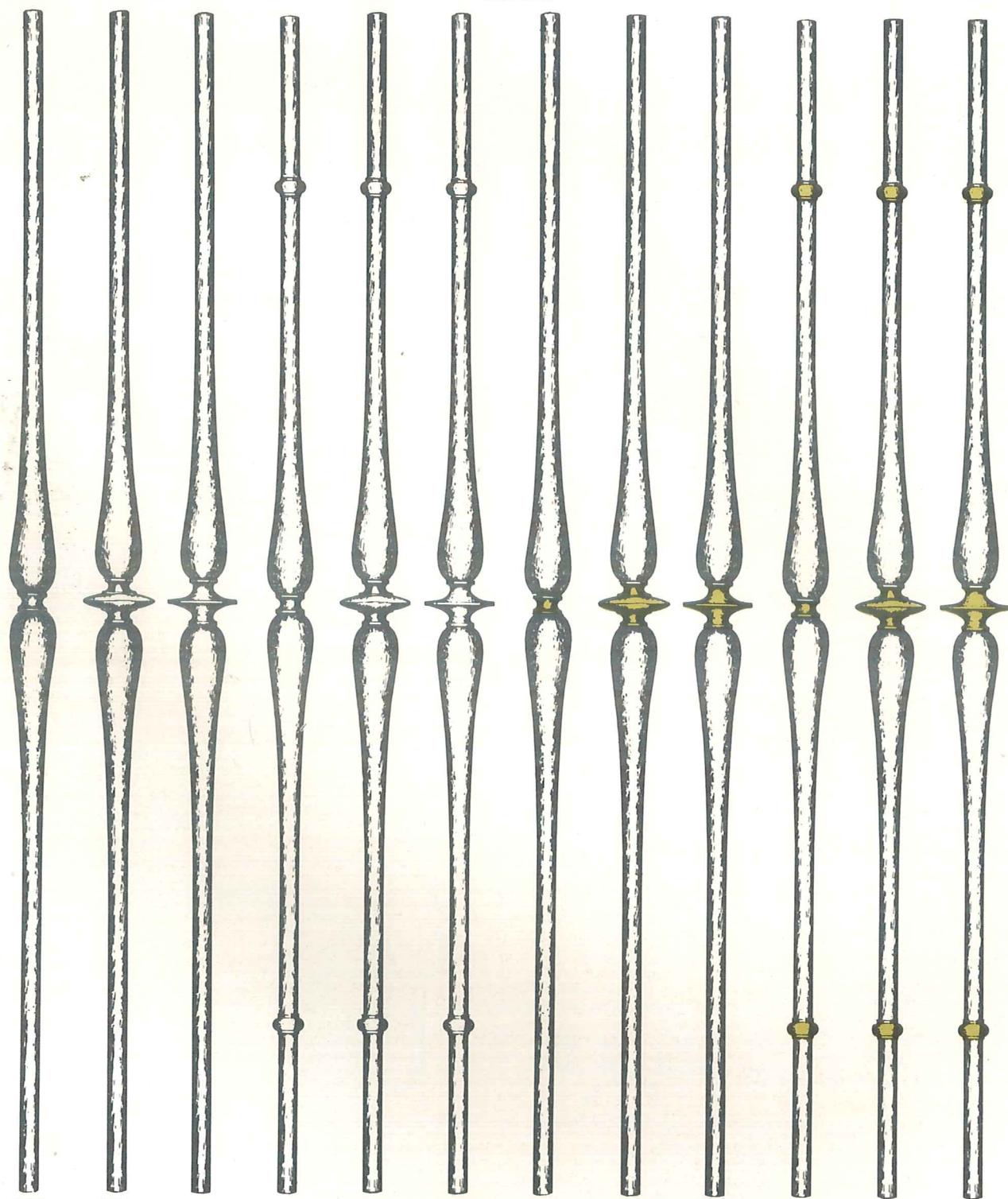
New York

BALUSTER SPINDLES

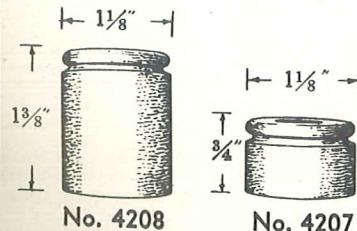
These Spindles are $\frac{1}{2}$ " thick at ends.

FORGED

All Brass parts furnished highly polished.

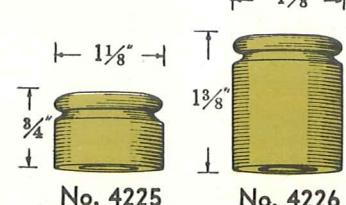


Number	4230	4231	4232	4236	4237	4238	4270	4271	4272	4276	4277	4278
Length	34 $\frac{1}{2}$ "	35 $\frac{5}{16}$ "	35 $\frac{5}{16}$ "	35 $\frac{1}{2}$ "	36 $\frac{5}{16}$ "	36 $\frac{5}{16}$ "	34 $\frac{1}{2}$ "	35 $\frac{5}{16}$ "	35 $\frac{5}{16}$ "	35 $\frac{1}{2}$ "	36 $\frac{5}{16}$ "	36 $\frac{5}{16}$ "



All Spindles are made sectional
allowing for additional variations.

End Studs are 6" long to allow for cutting to the desired length.
Collars Nos. 4207 and 4225 intended for use with open stringers.
Collars Nos. 4208 and 4226 may be cut to pitch when applied
to closed stringers.
When ordering Collars for these Spindles specify $\frac{1}{2}$ " hole.



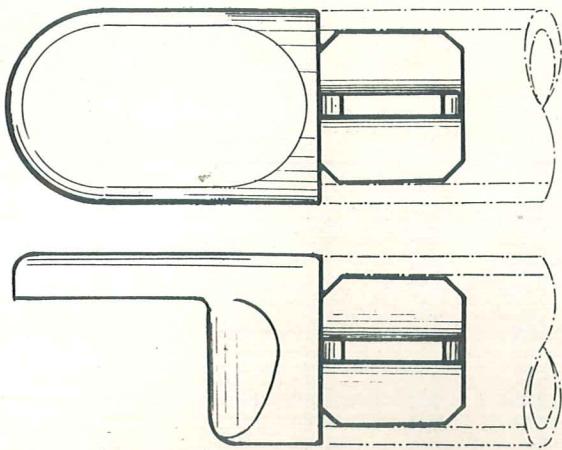
J.G. Braun & Company

Chicago

New York

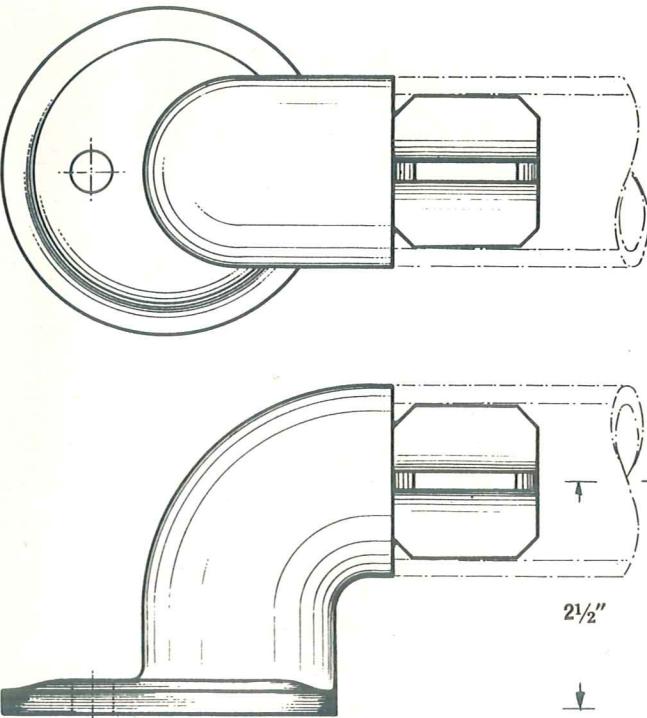
PIPE RAIL FITTINGS

POST FITTING



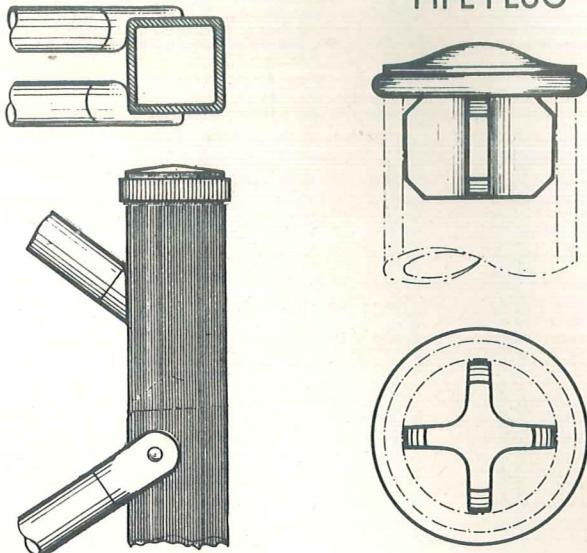
No. 11001 1 $\frac{1}{4}$ " IPS
No. 11002 1 $\frac{1}{2}$ " IPS

WALL FITTING



No. 11003 1 $\frac{1}{4}$ " IPS
No. 11004 1 $\frac{1}{2}$ " IPS

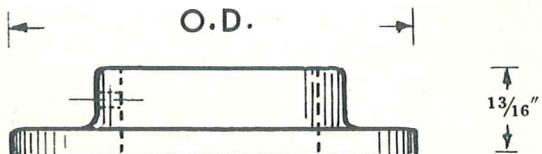
PIPE PLUG



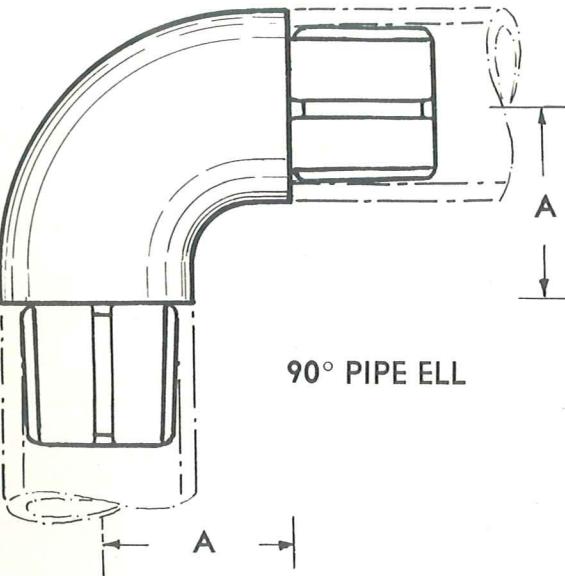
No. 11007 1 $\frac{1}{4}$ " IPS
No. 11008 1 $\frac{1}{2}$ " IPS

These fittings can be used for either left hand rails or right hand rails, also horizontally.

FLOOR OR WALL FLANGE



No. 11009 1 $\frac{1}{4}$ " IPS 3 $\frac{7}{8}$ " O.D.
No. 11010 1 $\frac{1}{2}$ " IPS 4 $\frac{3}{16}$ " O.D.



No. 11005, 1 $\frac{1}{4}$ " IPS, Dimension A 1 $\frac{7}{8}$ "
No. 11006, 1 $\frac{1}{2}$ " IPS, Dimension A 2"

All fittings are designed for IPS standard pipe.
"For ALUMINUM PIPE" and other Flush type
Aluminum fittings, see page # 51

J.G. Braun Company

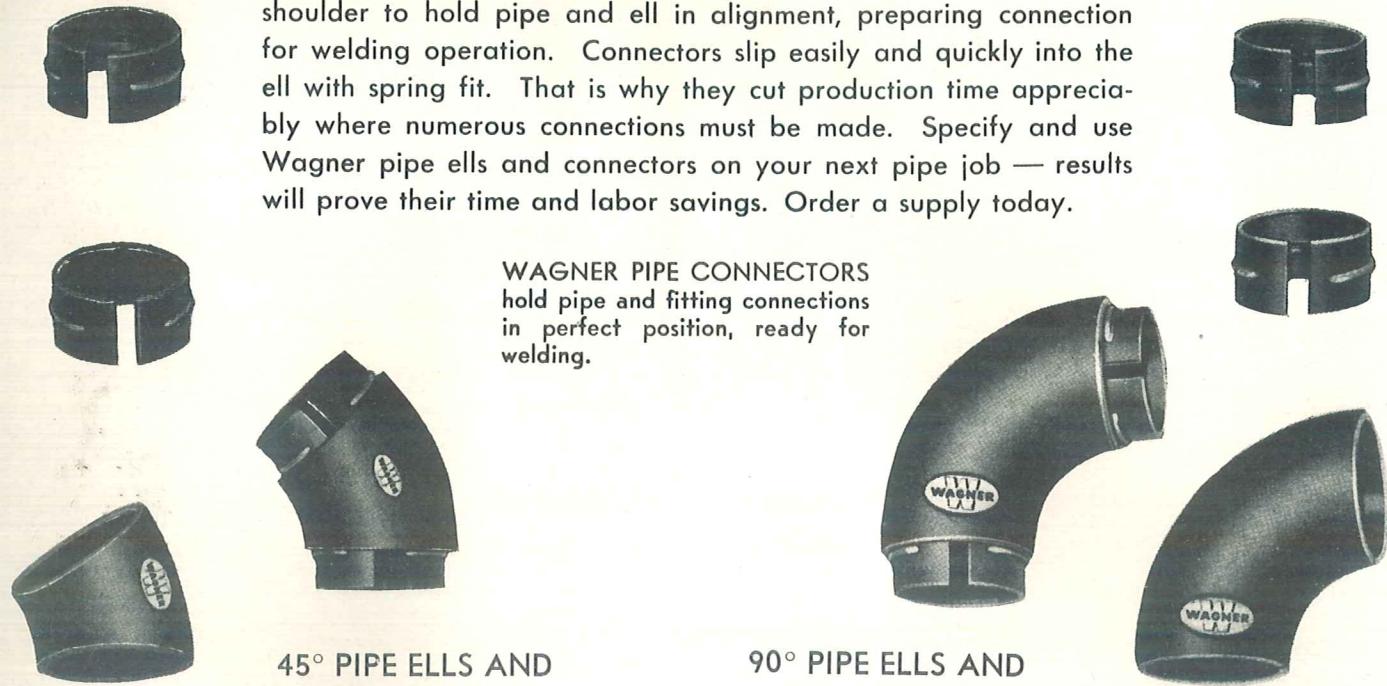
Chicago

New York

WAGNER STEEL PIPE ELLS AND CONNECTORS

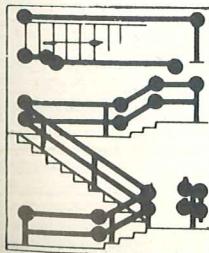
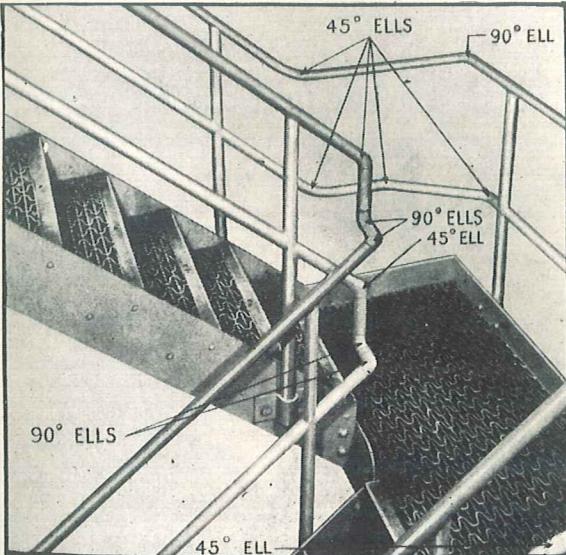
FOR ALL PIPE RAILING JOBS

Complicated pipe installations take time when the usual connection methods are used. Wagner connectors are snap-in type with shoulder to hold pipe and ell in alignment, preparing connection for welding operation. Connectors slip easily and quickly into the ell with spring fit. That is why they cut production time appreciably where numerous connections must be made. Specify and use Wagner pipe ells and connectors on your next pipe job — results will prove their time and labor savings. Order a supply today.



45° PIPE ELLS AND CONNECTORS

PIPE RAILINGS with WAGNER PIPE ELLS and CONNECTORS



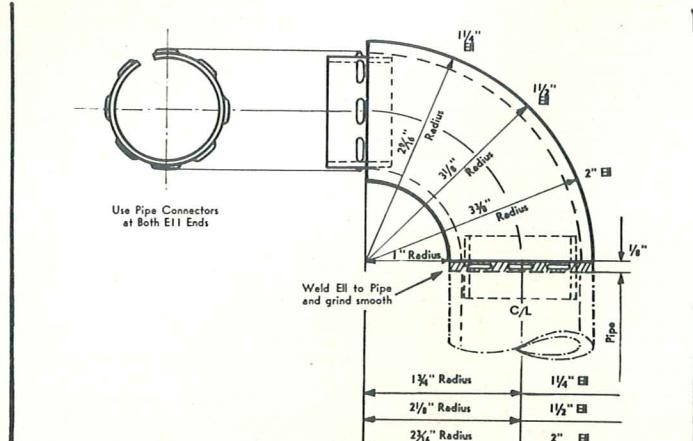
TYPICAL APPLICATION OF PIPE ELLS AND CONNECTORS

Installation view shows how a complicated railing job can be fabricated with high speed Wagner pipe ells and connectors, thereby eliminating unsightly and expensive welds. Each red dot on drawing to the left indicates that a saving in time and labor has been effected at that point.

90° PIPE ELLS AND CONNECTORS

Wagner pipe ells are made in two styles, 45 and 90 degree turns, to fit pipe of 1 1/4", 1 1/2" and 2" diameters.

Article	Pipe Railing Dia.	Degrees	Weight per 100 pcs.
Ells	1 1/4"	45	45 lbs.
Ells	1 1/4"	90	90 lbs.
Connectors	1 1/4"		9 lbs.
Ells	1 1/2"	45	65 lbs.
Ells	1 1/2"	90	130 lbs.
Connectors	1 1/2"		10 lbs.
Ells	2"	45	90 lbs.
Ells	2"	90	180 lbs.
Connectors	2"		12 lbs.



BRAUN QUALITY TREILLAGE

*New Designs in the
traditional Form*

These designs and castings are believed to be among the finest ever produced. They may be used in the most discriminating job, exactly as delivered by us on account of their fineness of finish.

MALLEABLE IRON Treillage Castings

DOUBLE FACED

REVERSIBLE

BRAUN SUPERIOR CASTINGS ARE THE RESULT OF —

- HAND CARVED ORIGINAL WOOD PATTERNS—
BY REPUTABLE CRAFTSMEN
- CAST IN MOST MODERN EQUIPPED FOUNDRY
- PRECISION ALUMINUM PLATE PATTERNS HAND
FINISHED TO THE FINEST DETAIL

Stocks are carried in Chicago and New York for immediate delivery

J.G. Braun Company

CHICAGO 609 SOUTH PAULINA STREET

EST. 1887

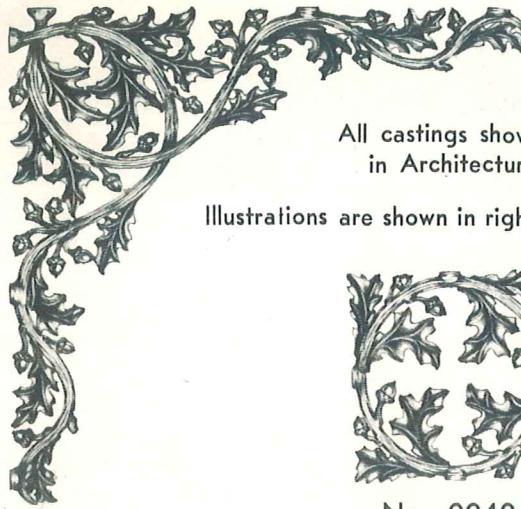
NEW YORK 537 WEST 35TH STREET

TREILLAGE

DOUBLE FACED

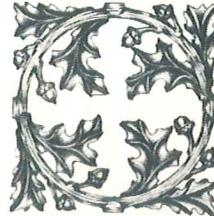
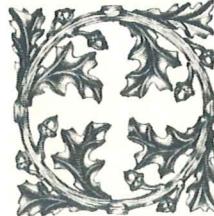
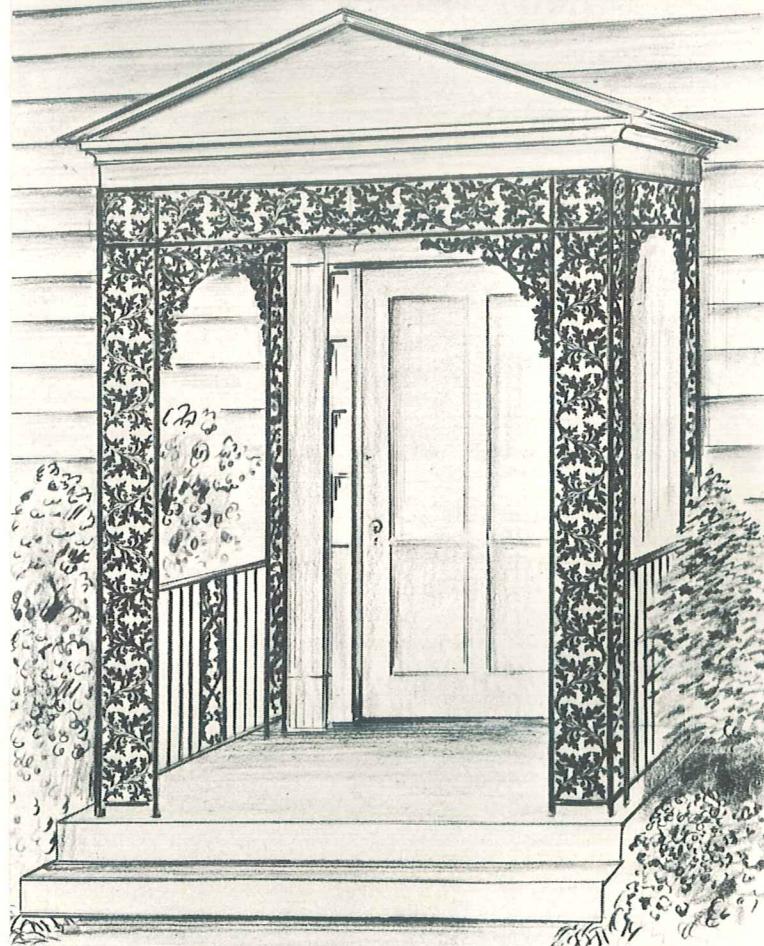
ACORN
DESIGN

REVERSIBLE

MALLEABLE
IRON

All castings shown on this page can also be furnished
in Architectural Bronze or Aluminum on request.

Illustrations are shown in right hand and in left hand position to facilitate layout

**No. 9948**Length 19 $\frac{7}{8}$ "
Height 19 $\frac{7}{8}$ "**No. 9949**Height 8 $\frac{1}{2}$ "
Width 8 $\frac{1}{2}$ "**No. 9949**Height 8 $\frac{1}{2}$ "
Width 8 $\frac{1}{2}$ "**No. 9948**Length 19 $\frac{7}{8}$ "
Height 19 $\frac{7}{8}$ "**No. 9947**Height 31 $\frac{3}{4}$ "
Width 8 $\frac{1}{2}$ "

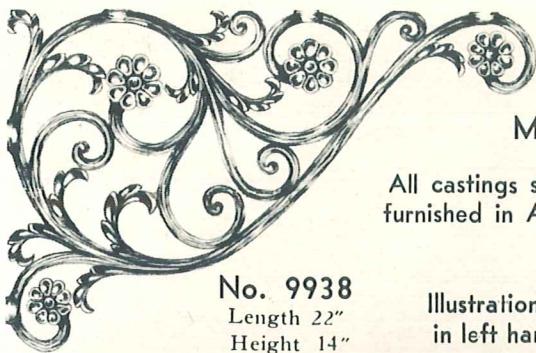
NEW ADDITION to this beautiful line of
double faced castings An original design with
unlimited applications.

No. 9947Height 31 $\frac{3}{4}$ "
Width 8 $\frac{1}{2}$ "

J.G. Braun Company

Chicago

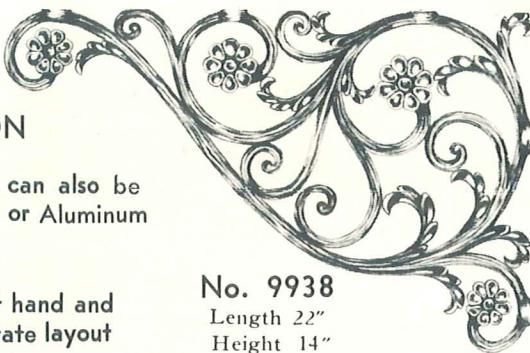
New York

TREILLAGE**DOUBLE FACED**

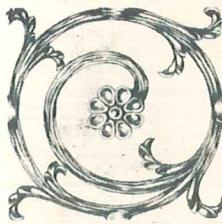
No. 9938
Length 22"
Height 14"

**SCROLL
and LEAF
DESIGN**
MALLEABLE IRON

All castings shown on this page can also be furnished in Architectural Bronze or Aluminum on request.

REVERSIBLE

No. 9938
Length 22"
Height 14"

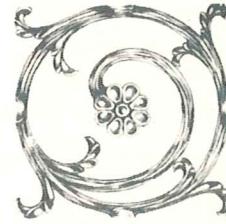
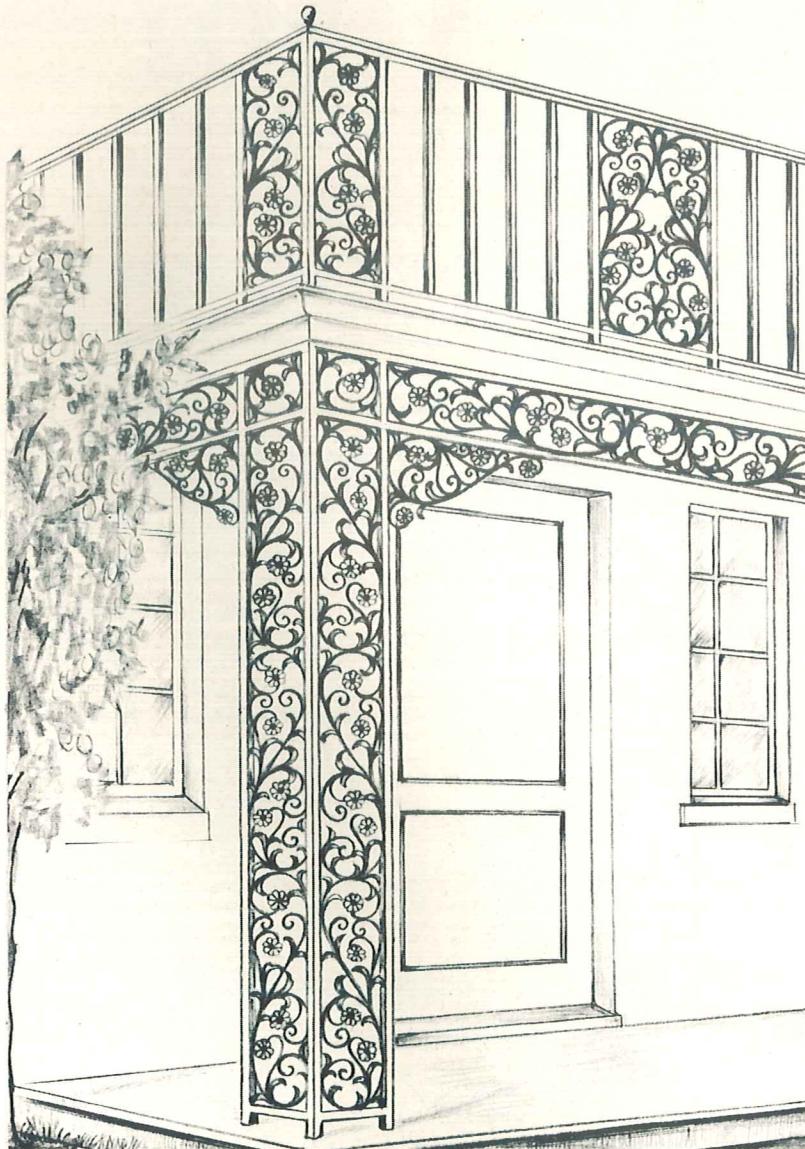


No. 9939
Height 9"
Width 9"



No. 9937
Height 32"
Width 9"

AN ORIGINAL DESIGN created to fill a great demand for a more ornate casting. Very versatile. May be used to best advantage in Treillage designs but also very effective in railing panels, window grills, etc.



No. 9939
Height 9"
Width 9"



No. 9937
Height 32"
Width 9"

J.G. Brauer Company

Chicago

New York

TREILLAGE

DOUBLE FACED

**No. 9956**Length 18 1/4"
Height 9 1/2"

ROSE DESIGN

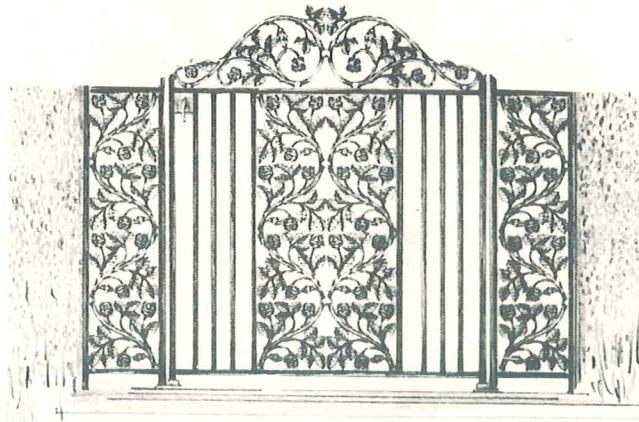
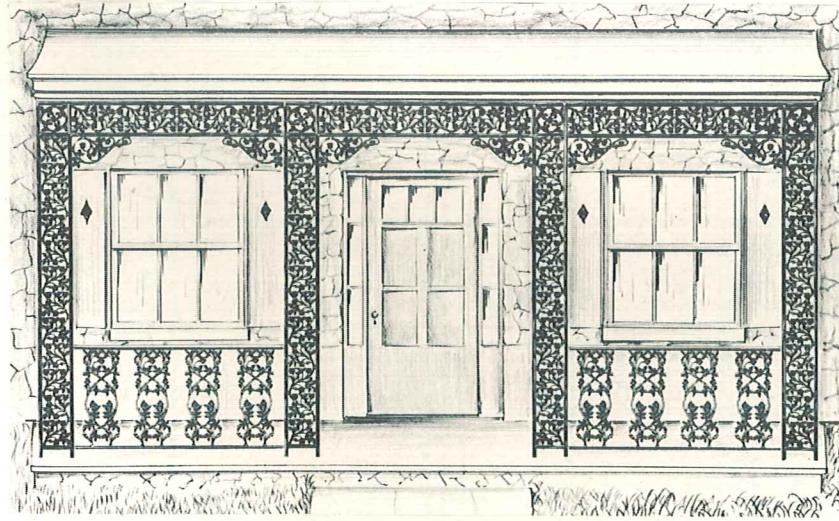
MALLEABLE
IRON

REVERSIBLE



All castings shown on this page can also be furnished
in Architectural Bronze or Aluminum on request

Illustrations on this page are shown in right hand
and in left hand position to facilitate layout.

**No. 9957**Height 8 1/4"
Width 8 1/4"**No. 9956**Length 18 1/4"
Height 9 1/2"**No. 9957**Height 8 1/4"
Width 8 1/4"**No. 9955**Height 32"
Width 8 1/4"

THE LATEST ADDITION to this
line of double faced castings and
indications point to a very popular
demand.

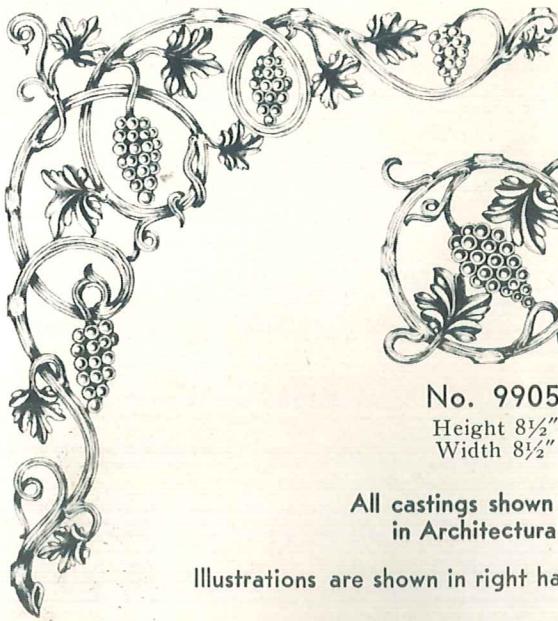
**No. 9955**Height 32"
Width 8 1/4"**J.G. Braun & Company**

Chicago

New York

TREILLAGE

GRAPE DESIGN

MALLEABLE
IRON**DOUBLE FACED****REVERSIBLE**

No. 9905

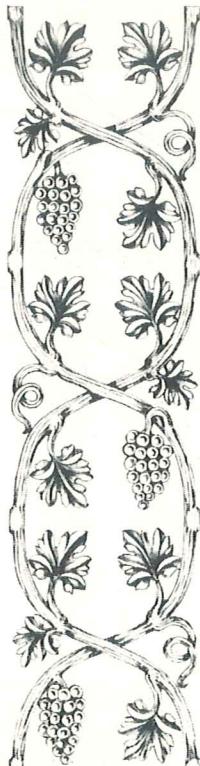
Height 8½"
Width 8½"All castings shown on this page can also be furnished
in Architectural Bronze or Aluminum on request

No. 9905

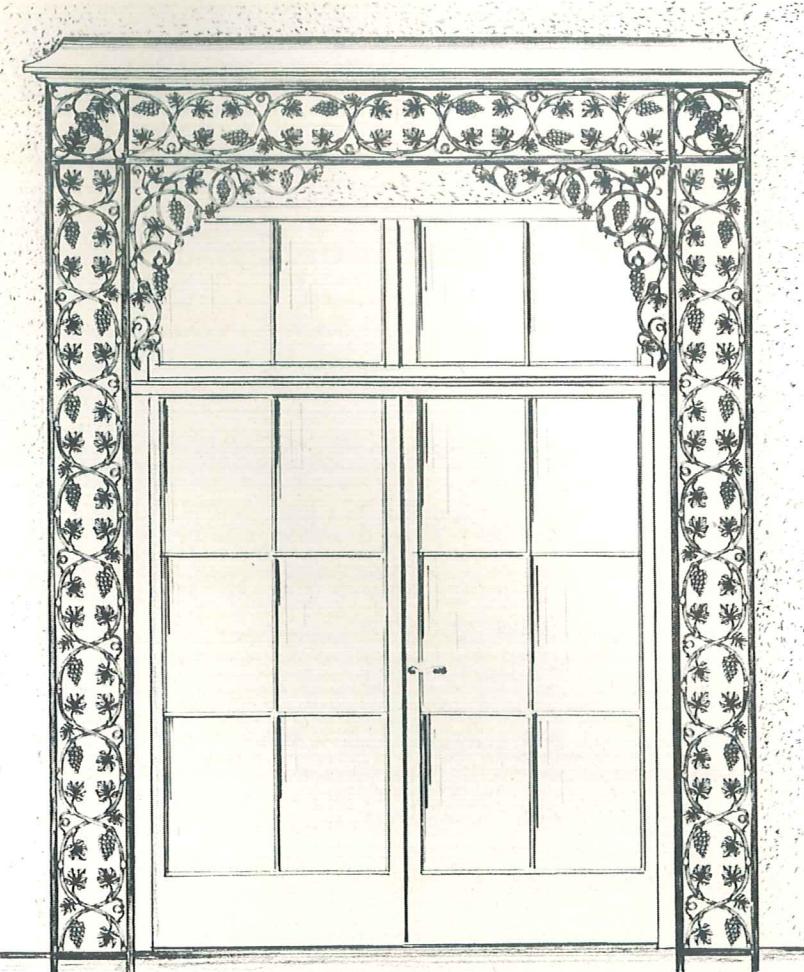
Height 8½"
Width 8½"

Illustrations are shown in right hand and in left hand position to facilitate layout.

No. 9904

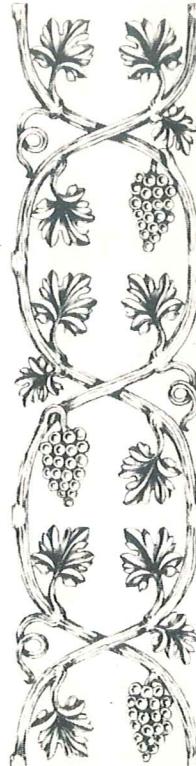
Length 23½"
Height 25"

No. 9903

Height 31¼"
Width 8½"

AN OLD FAVORITE with designers. Note that grapes and leaves are correctly placed and well proportioned.

No. 9904

Length 23½"
Height 25"

No. 9903

Height 31¼"
Width 8½"**J.G. Braun & Company**

Chicago

New York

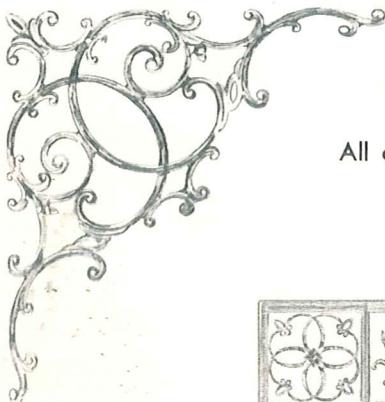
SCALE — $1\frac{1}{4}$ " = 1' - 0"**TREILLAGE****MALLEABLE IRON****REVERSIBLE***The Baroness Design**Measurements Approximate***DOUBLE FACED**

AN AUTHENTIC DESIGN based on old Southern originals.
A pleasing design, with unlimited applications.

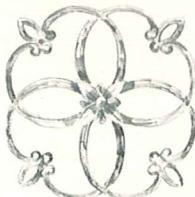
All castings shown on this page can also be furnished in Architectural Bronze or Aluminum on request.

Illustrations on this page are shown in right hand and in left hand position to facilitate layout.

All castings are made from precision match-plate patterns, and can be used in the most discriminating job



No. 9972
Height 16"
Width 16"



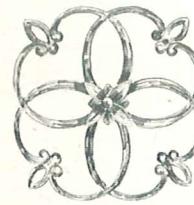
No. 9973
Height 7 $\frac{3}{4}$ "
Width 7 $\frac{3}{4}$ "



No. 9971
Height 20"
Width 7 $\frac{3}{4}$ "



No. 9972
Height 16"
Width 16"



No. 9973
Height 7 $\frac{3}{4}$ "
Width 7 $\frac{3}{4}$ "

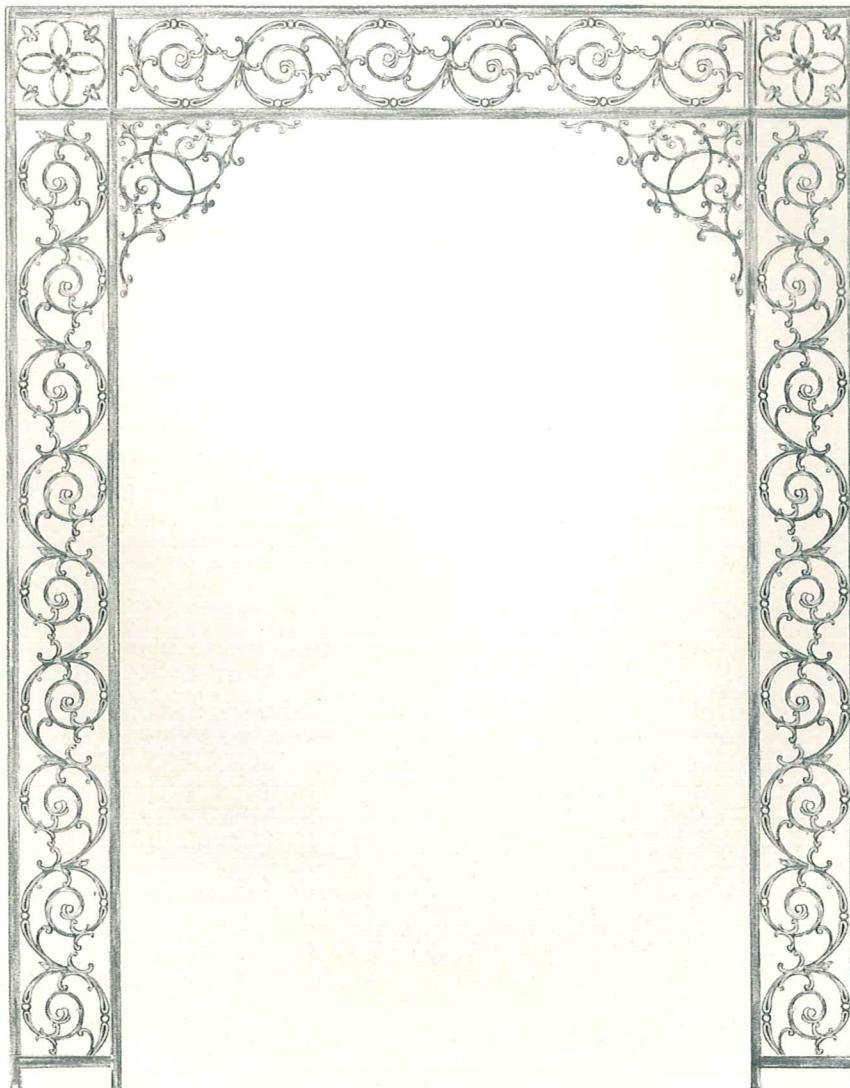
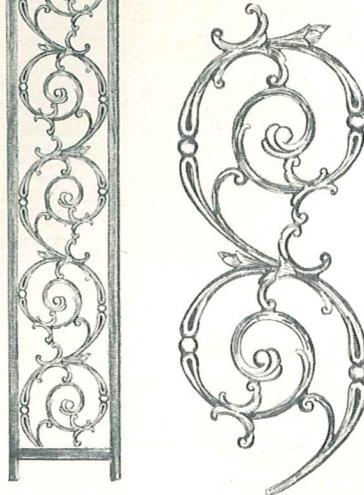


ILLUSTRATION shows typical assembly

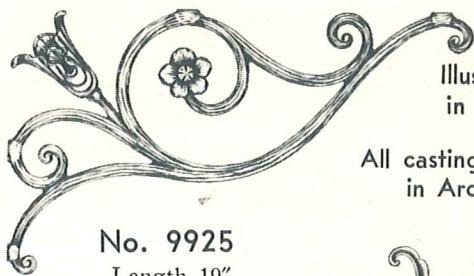


No. 9971
Height 20"
Width 7 $\frac{3}{4}$ "

J.G. Braun Company

Chicago

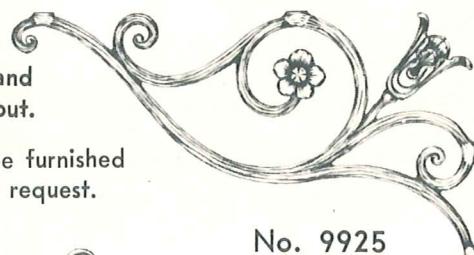
New York

TREILLAGE**DOUBLE FACED**

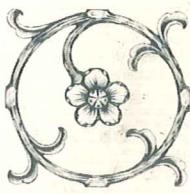
No. 9925
Length 19"

TULIP DESIGN**MALLEABLE IRON**

Illustrations are shown in right hand and
in left hand position to facilitate layout.

REVERSIBLE

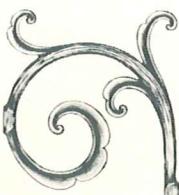
No. 9925
Length 19"



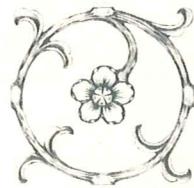
No. 9926
Height 7 1/4"
Width 7 1/4"



No. 9927
Height 7 1/2"
Width 7 1/4"



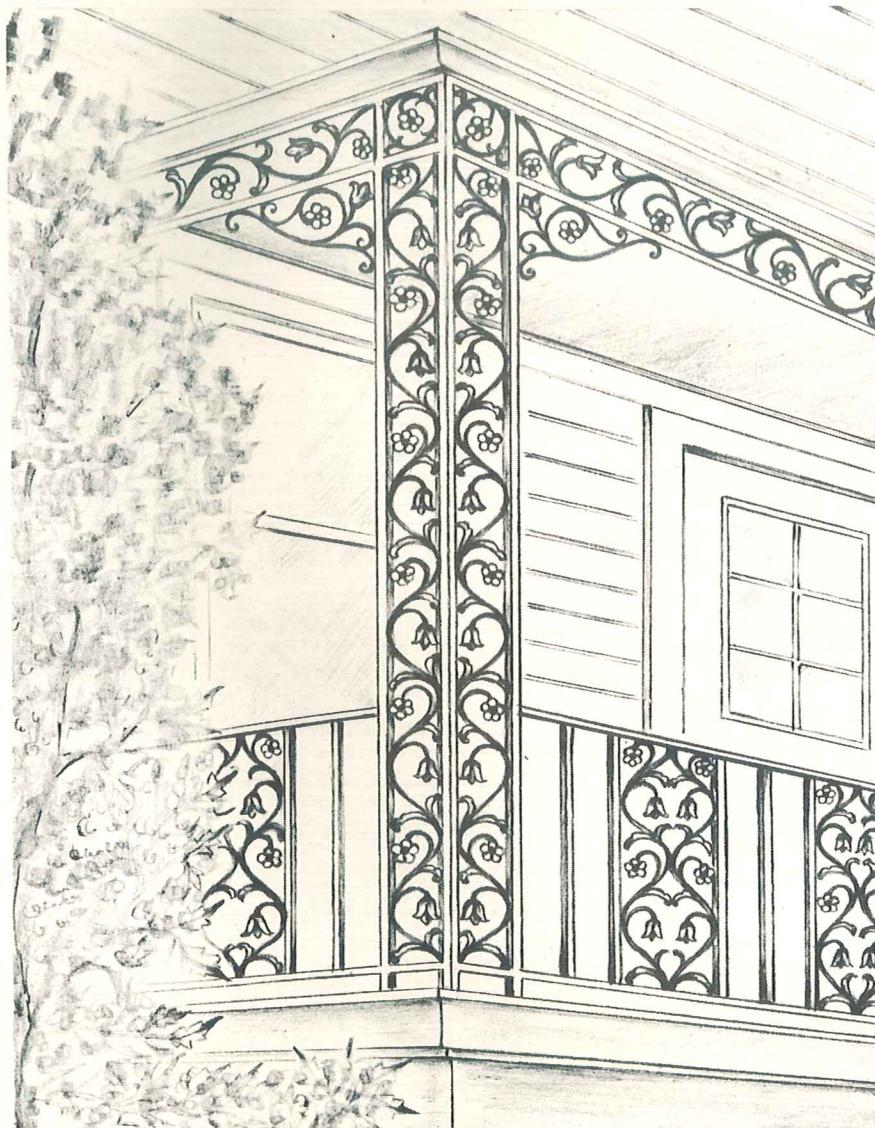
No. 9927
Height 7 1/2"
Width 7 1/4"



No. 9926
Height 7 1/4"
Width 7 1/4"



No. 9924
Height 34"
Width 7 1/2"



AN AUTHENTIC DESIGN based on old Southern originals.



No. 9924
Height 34"
Width 7 1/2"

J. G. Braun & Company

Chicago

New York

DOUBLE FACED

TREILLAGEThe Braun Florette Design

REVERSIBLE

Panels and Corner Ornaments are Designed with Frame Bars and Sleeves

READY TO INSTALL

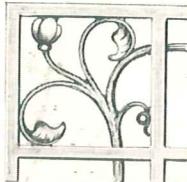
Adjustable to any Dimensions

These light and open Malleable Castings have been designed to suit any style of Architecture. They are suitable for exterior or interior ornamentation. Braun Florette design lends itself to Treillage, Railings, Partitions, Grills, Gates, Doors, etc.

MADE IN MALLEABLE IRON

All castings shown on this page can also be furnished
in Architectural Bronze or Aluminum on request

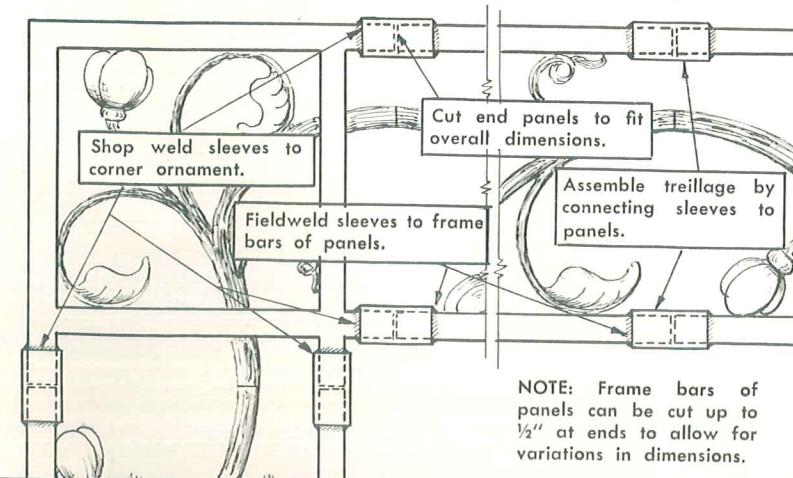
Illustrations on this page are shown in right hand
and in left hand position to facilitate layout



No. 9970
Height 7 1/4"
Width 7 1/4"



2 SLEEVES FURNISHED
WITH EACH PANEL



NOTE: Frame bars of panels can be cut up to 1/2" at ends to allow for variations in dimensions.



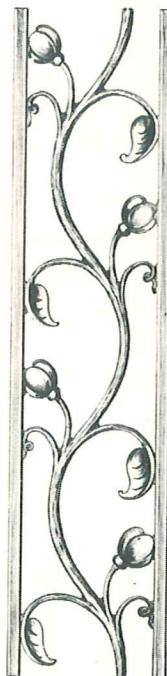
No. 9970
Height 7 1/4"
Width 7 1/4"



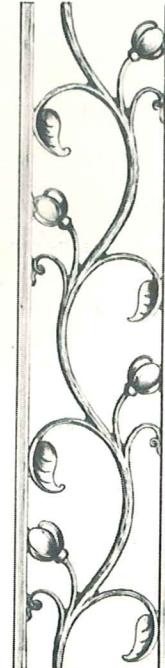
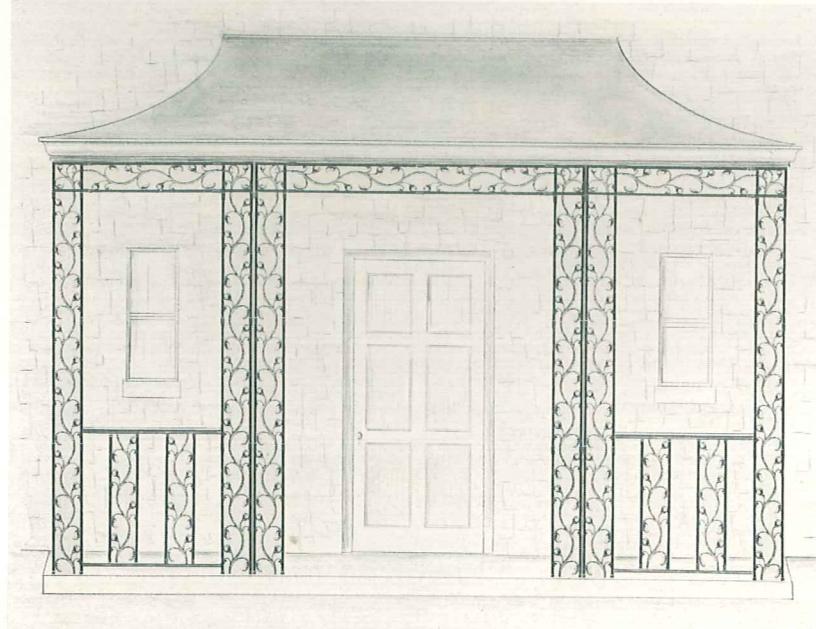
2 SLEEVES FURNISHED
WITH EACH PANEL

Sketch showing fastening of Panels to Corner Ornament

Sketch showing fastening of Panel to Panel



No. 9969
Height 28"
Width 6 1/2"



No. 9969
Height 28"
Width 6 1/2"



STAMPED STEEL ORNAMENTS

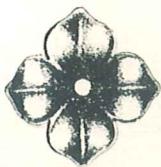
Measurements Approximate



No. 281 $\frac{1}{6}$ " Dia.
No. 15 1 " Dia.
No. 13 $1\frac{3}{8}$ " Dia.
No. 12 $1\frac{5}{8}$ " Dia.
No. 262 $2\frac{1}{8}$ " Dia.
No. 213 $2\frac{7}{8}$ " Dia.
No. 0381 3 " Dia.



No. 0808
 $\frac{1}{4}$ " Dia.



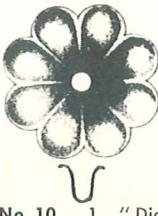
No. 0430 1 " Sq.
No. 0429 $1\frac{3}{8}$ " Sq.
No. 197 $1\frac{5}{8}$ " Sq.



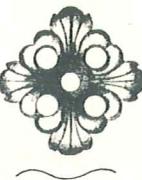
No. 1547 $1\frac{7}{8}$ " Across



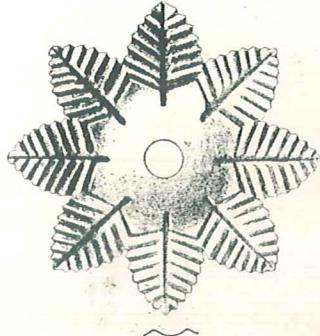
No. 0542 $1\frac{1}{2}$ " Dia.



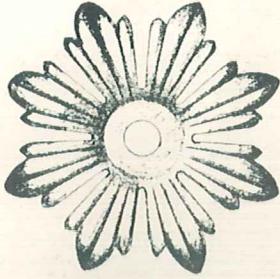
No. 10 1 " Dia.
No. 9 $1\frac{5}{8}$ " Dia.
No. 8 $1\frac{1}{4}$ " Dia.



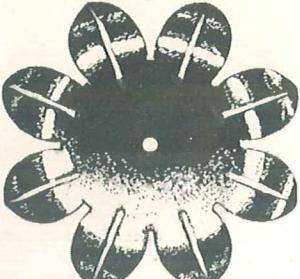
No. 0594 $\frac{5}{8}$ " Dia.
No. 0373 $1\frac{1}{4}$ " Sq.
No. 192 $1\frac{1}{6}$ " Dia.
No. 5 1 " Dia.
No. 4 $1\frac{1}{8}$ " Dia.
No. 3 $1\frac{5}{8}$ " Dia.



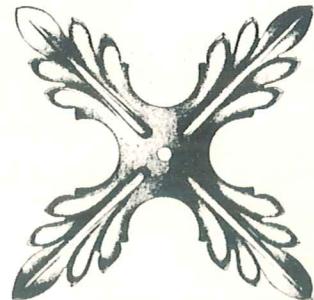
No. 1552
 $3\frac{3}{4}$ " Diam.



No. 1535 $3\frac{1}{8}$ " Dia.



No. 0476 $4\frac{3}{8}$ " Dia



No. 140
 $4\frac{1}{2}$ " Square

These ornaments are designed for decorating interior objects such as lamps, fixtures, tables, consoles, brackets, stands, grills, etc.

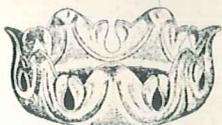


No. 5362
 $3\frac{1}{4}$ " Overall Dia.
 $2\frac{1}{2}$ " Inside Dia.
 $\frac{5}{8}$ " High

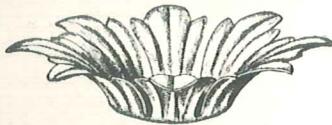


No. 1516 $2\frac{7}{8}$ " Dia. $1\frac{1}{8}$ " Deep

NOTE:
Order by Number
and Description



No. 5315
 $3\frac{1}{8}$ " Diam. 1" Deep



No. 1536 $3\frac{1}{2}$ " Spread $\frac{3}{4}$ " Deep



No. 1512
 $2\frac{7}{8}$ " Diam. $1\frac{1}{8}$ " Deep



No. 5366
 $4\frac{1}{2}$ " Overall Dia.
 $3\frac{3}{8}$ " Inside Dia.
 $\frac{7}{8}$ " High



No. 5359
 $2\frac{1}{4}$ " Diameter
 $\frac{1}{4}$ " High



No. 5419 — 22 GA.
 $2\frac{3}{8}$ " Diam.
 $\frac{1}{4}$ " High



No. 5520 $\frac{3}{4}$ " Diam. $1\frac{1}{8}$ " High
No. 5521 1" Diam. $1\frac{1}{4}$ " High
No. 5522 $1\frac{1}{2}$ " Diam. $1\frac{3}{4}$ " High



No. 5426 — 22 GA.
 3 " Diam. $\frac{3}{8}$ " High
No. 5428 — 22 GA.
 $4\frac{1}{4}$ " Diam. $\frac{3}{8}$ " High



No. 600 — 22 GA.
 2 " Diam.
 $\frac{3}{4}$ " High



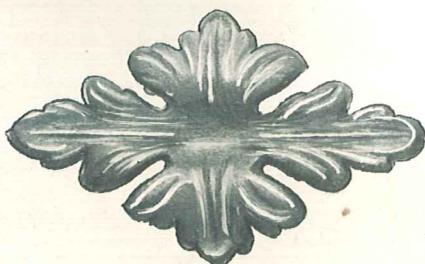
No. 5355
 $\frac{15}{16}$ " Inside Dia.
 1 " High

CAST IRON

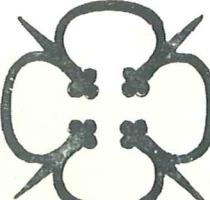


No. 2538 2" Diam.
No. 2537 $2\frac{1}{2}$ " Diam.
No. 2536 3" Diam.
No. 2535 $3\frac{1}{2}$ " Diam.

CAST IRON



No. 3517
 $2\frac{3}{4}$ " Wide $4\frac{1}{2}$ " Long

MALLEABLE
IRON
QUATREFOILS

No. 8316 $4\frac{3}{8}$ " Diam.
No. 8317 $4\frac{7}{8}$ " Diam.
No. 8318 $5\frac{5}{8}$ " Diam.



No. 5350 — 22 GA.
 $1\frac{3}{4}$ " Overall Dia.
 $\frac{11}{16}$ " Inside Dia.
 $1\frac{1}{8}$ " High

No. 5351
 $2\frac{1}{4}$ " Overall Dia.
 $1\frac{3}{8}$ " Inside Dia.
 $1\frac{1}{2}$ " High

No. 5420 — 22 GA.
 $2\frac{1}{2}$ " Overall Dia.
 $\frac{11}{16}$ " Inside Dia.
 $1\frac{1}{4}$ " High

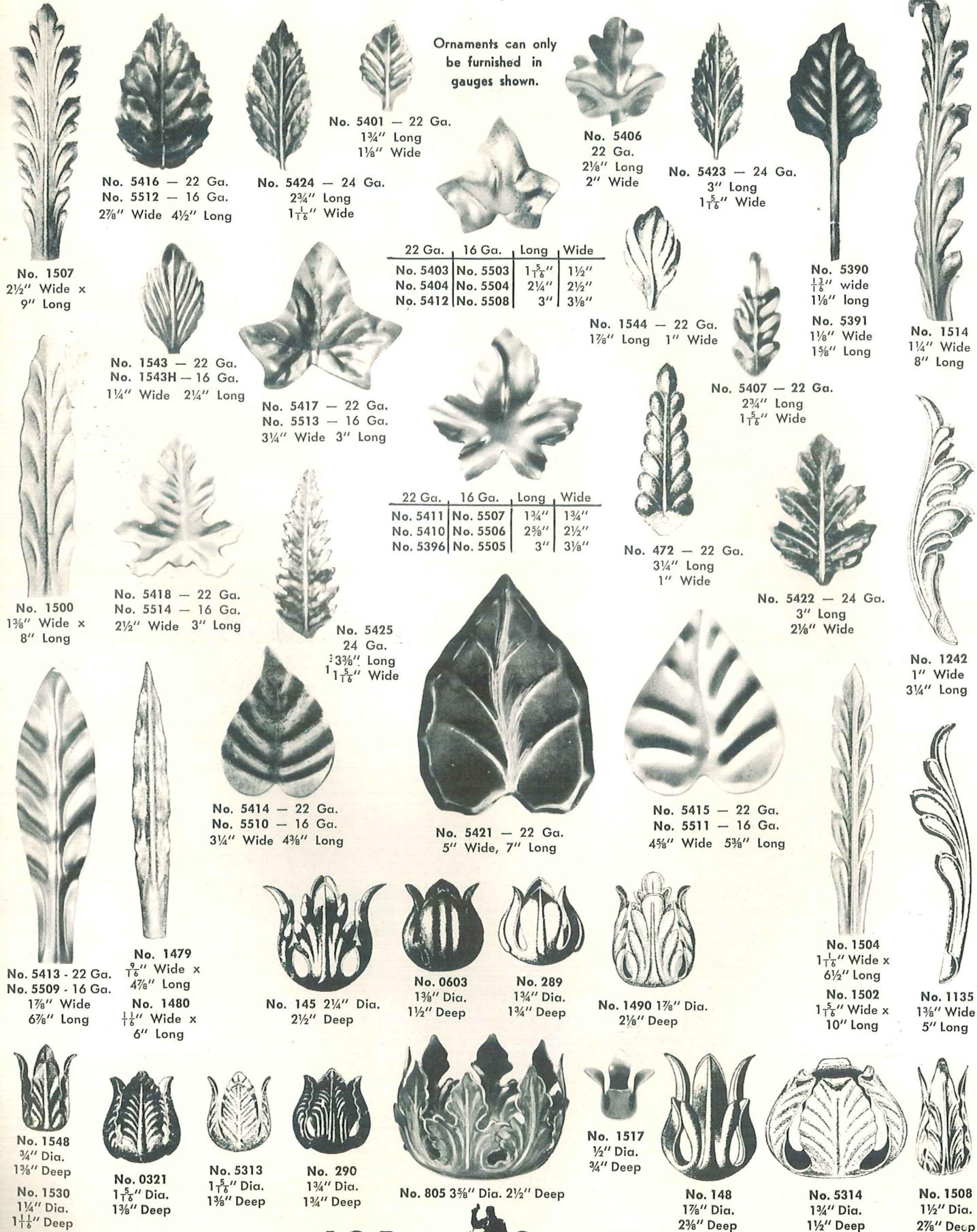
J.G. Braun Company

Chicago

New York

STAMPED STEEL ORNAMENTS

Measurements Approximate

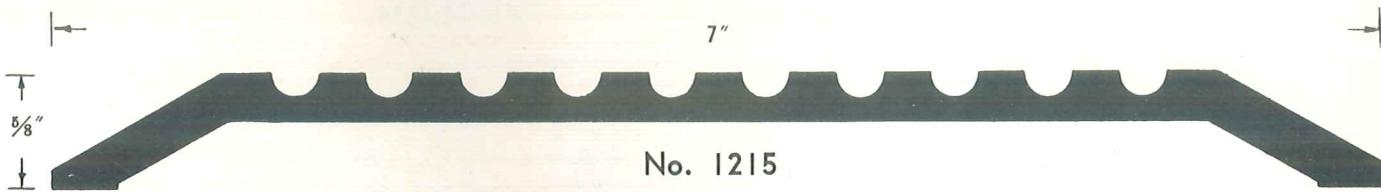
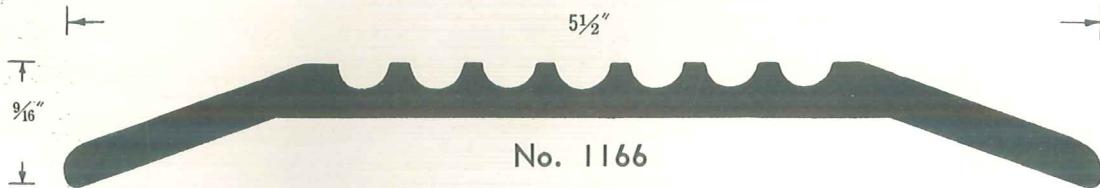
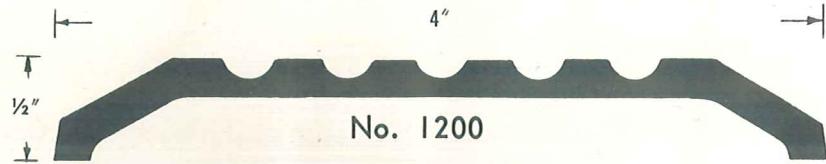
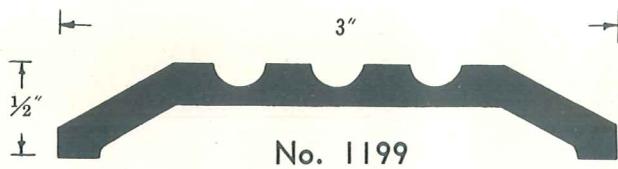
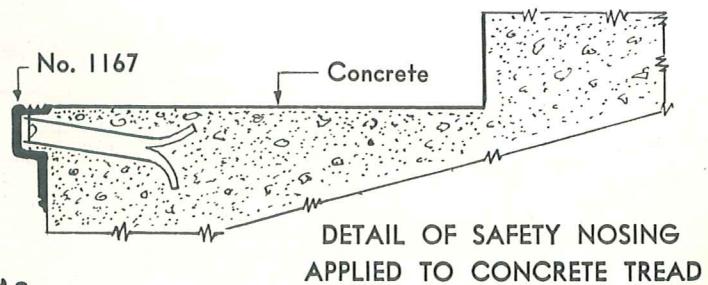
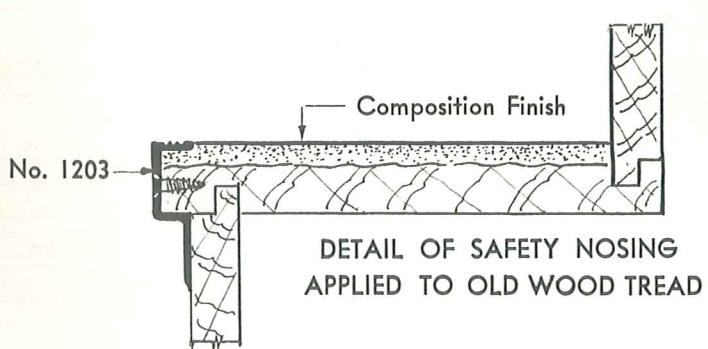
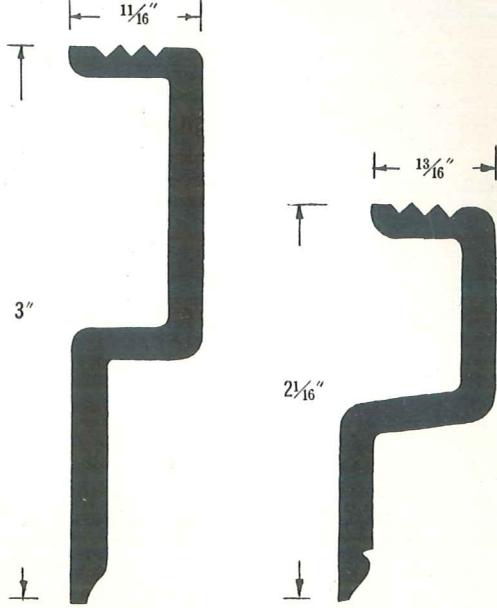


STEEL THRESHOLDS and NOSINGS

Illustrations Full Size

20 Ft. Length

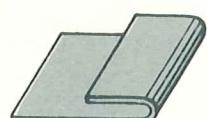
Measurements Approximate

**STEP NOSINGS**

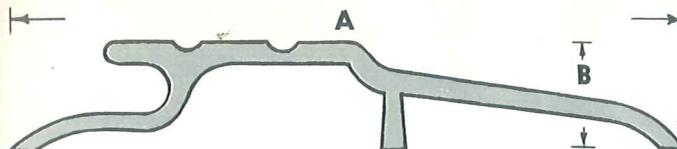
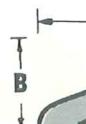
ALUMINUM THRESHOLDS

Illustrations Full Size

All 63S-T5 Alloy

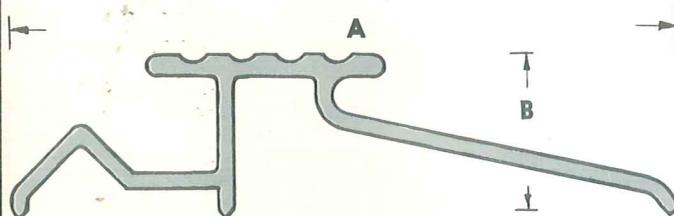
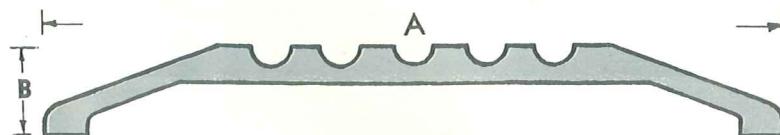
Weights and Measurements
Approximate

Weather Strip
Section
No. 4708
16'4" Length



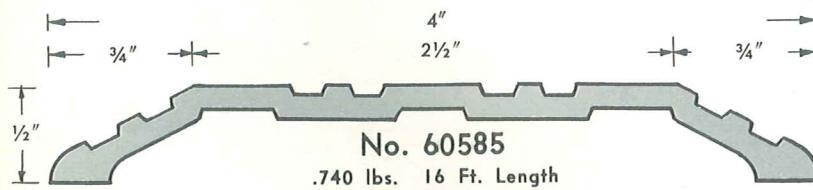
Number	A	B	Weight per foot	Length
4802	2½"	¼"	.402 lb.	16 Ft.
4803 or 10351	3"	¼"	.476 lb.	16 Ft.
4804 or 10352	4¾"	½"	.894 lb.	16 Ft.

Number	A	B	Weight per ft.	Length
4802	2½"	¼"	.402 lb.	16 Ft.
4803 or 10351	3"	¼"	.476 lb.	16 Ft.
4804 or 10352	4¾"	½"	.894 lb.	16 Ft.

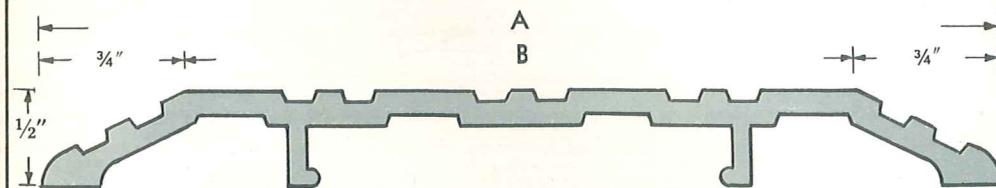


Number	A	B	Weight per foot	Length
5192	3½"	7/8"	.649 lb.	16'3"
20999	3½"	7/8"	.661 lb.	16 Ft.
38658	4¼"	7/8"	.760 lb.	16 Ft.

Number	A	B	Weight per foot	Length	Number Grooves
P3650	3"	½"	.658 lb.	16'3"	5
38651	3"	½"	.721 lb.	16 Ft.	3
4704	4"	5/8"	.963 lb.	16 Ft.	5
P3651	4"	½"	.787 lb.	16'3"	5
19047	4"	½"	.829 lb.	16 Ft.	5
4705	5"	5/8"	1.147 lb.	16 Ft.	6
P3662	5"	½"	1.002 lb.	16'3"	5
19048	5"	½"	1.102 lb.	16 Ft.	6
4706	6"	5/8"	1.291 lb.	16 Ft.	7
P3663	6"	½"	1.189 lb.	16'3"	5
19049	6"	½"	1.226 lb.	16 Ft.	7
26638	7"	½"	1.777 lb.	16 Ft.	9

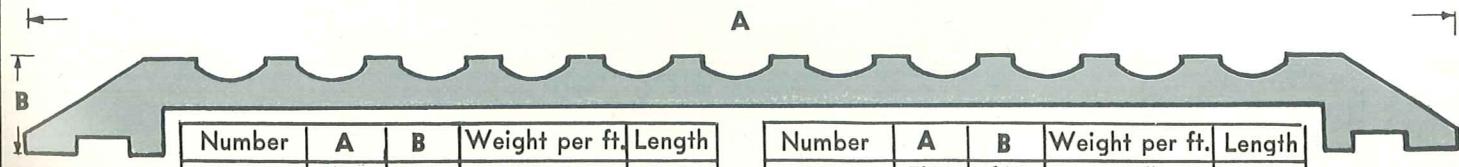


No. 60585
.740 lbs. 16 Ft. Length



Number	A	B	Grooves	Length	Weight per foot
60586	5"	3½"	10	16 Ft.	1.014 lbs.
60587	6"	4½"	12	16 Ft.	1.183 lbs.
60588	7"	5½"	14	16 Ft.	1.352 lbs.

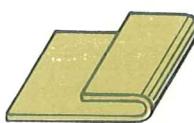
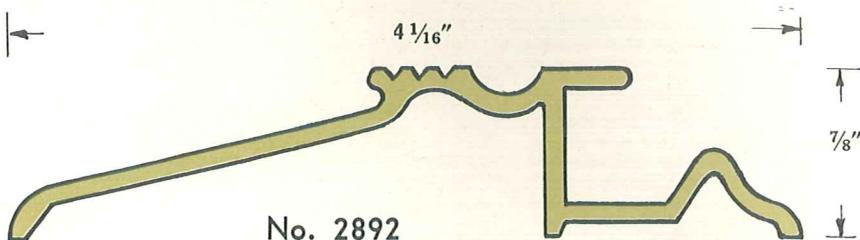
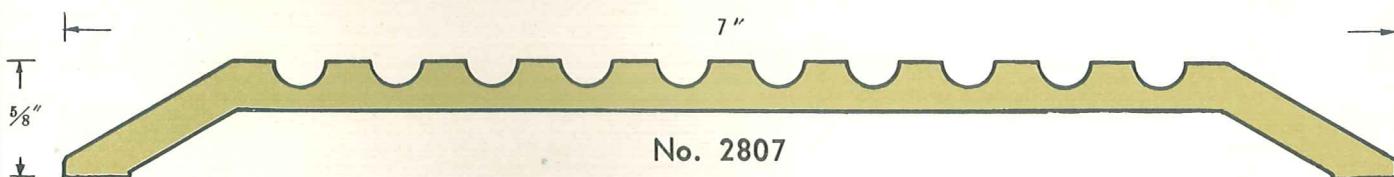
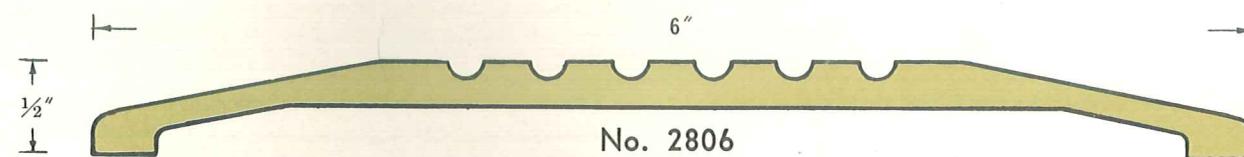
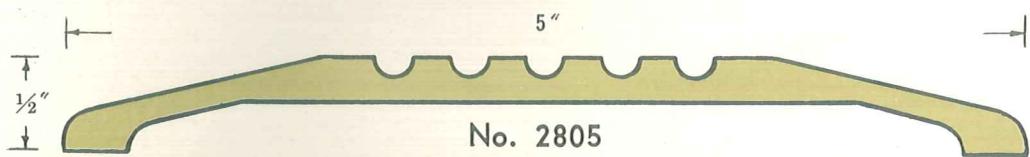
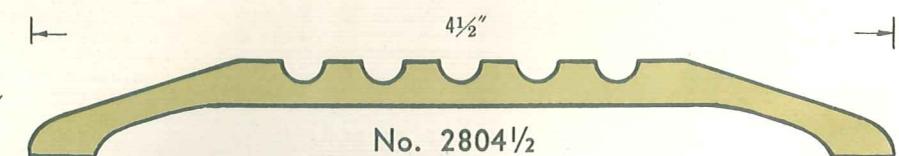
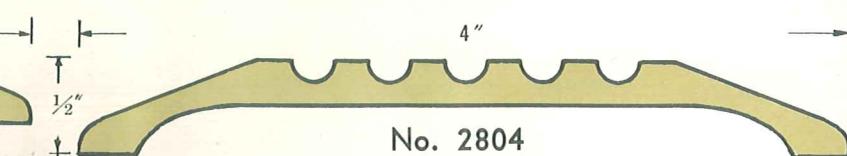
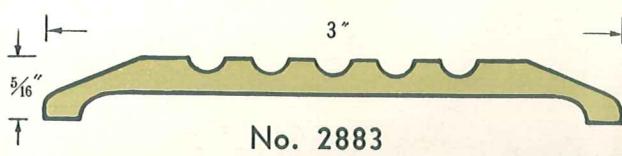
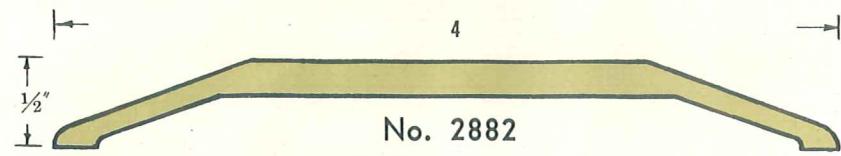
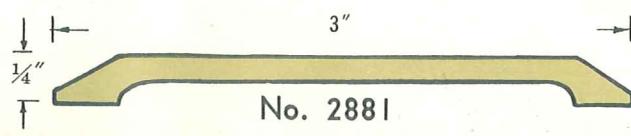
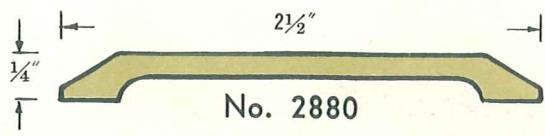
Number	A	B	Weight per foot	Length
10346	11/4"	17/64"	.180 lb.	16 Ft.
P3796	13/8"	1/4"	.184 lb.	16'3"
38653	13/8"	17/64"	.194 lb.	16 Ft.
10347	11/2"	17/64"	.232 lb.	16 Ft.
38654	15/8"	17/64"	.224 lb.	16 Ft.



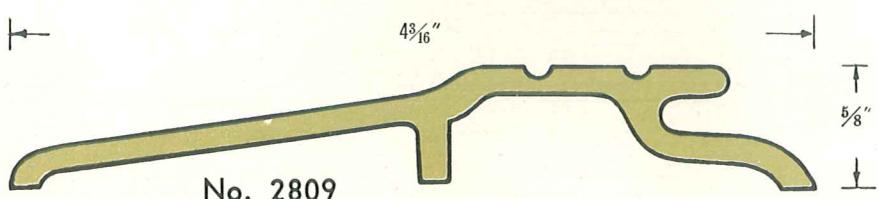
Number	A	B	Weight per ft.	Length
4807 or 7032	7½"	½"	1.798 lb.	16 Ft.

Number	A	B	Weight per ft.	Length
7883	7½"	½"	1.769 lb.	16'3"

ARCHITECTURAL BRONZE THRESHOLDS



Weather Strip Section for
use with Saddles Nos. 2809
and 2892.



Illustrations Full Size
Measurements Approximate

16' Random Lengths

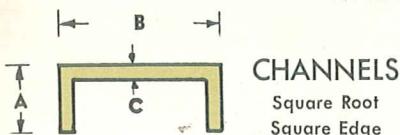
Spec.—Copper 58%, Zinc 38 3/4%, Lead 3 1/4%

EXTRUDED BRONZE BARS AND SHAPES

Spec.—Copper 58%, Zinc 38 3/4%, Lead 3 1/4%

(Matches color of Extruded Bronze)

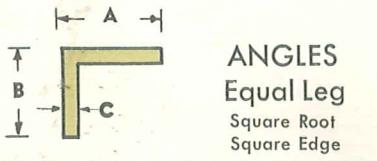
16-Foot Lengths



CHANNELS

Square Root
Square Edge

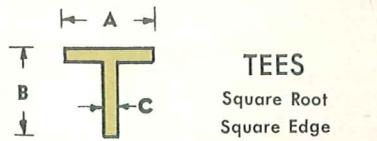
Number	A	B	C	Weight Per Foot		
2828	1/2"	x	1/2"	x	3/32"	.45 lbs.
2820	1/2"	x	3/4"	x	1/8"	.68 lbs.
2821	1/2"	x	1"	x	1/8"	.81 lbs.
2822	5/8"	x	1 1/4"	x	1/8"	1.02 lbs.
2823	5/8"	x	1 1/2"	x	1/8"	1.15 lbs.
2824	5/8"	x	2"	x	1/8"	1.38 lbs.



ANGLES

Equal Leg
Square Root
Square Edge

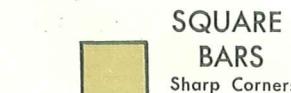
Number	A	B	C	Weight Per Foot		
2830	1/2"	x	1/2"	x	1/8"	.40 lbs.
2831	5/8"	x	5/8"	x	1/8"	.52 lbs.
2832	3/4"	x	3/4"	x	1/8"	.63 lbs.
2833	1"	x	1"	x	1/8"	.87 lbs.
2834	1 1/4"	x	1 1/4"	x	1/8"	1.09 lbs.
2835	1 1/2"	x	1 1/2"	x	1/8"	1.32 lbs.
2836	2"	x	2"	x	1/8"	1.78 lbs.



TEES

Square Root
Square Edge

Number	A	B	C	Weight Per Foot		
2826	3/4"	x	3/4"	x	1/8"	.63 lbs.
2827	1"	x	1"	x	1/8"	.86 lbs.

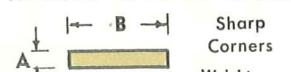


SQUARE
BARS

Sharp Corners

Size	Weight Per Foot
3/8"	.520 lbs.
1/2"	.920 lbs.
5/8"	1.440 lbs.
3/4"	2.08 lbs.
1"	3.69 lbs.
1 1/4"	5.76 lbs.

RECTANGULAR BARS



RECTANGULAR BARS

Sharp
Corners

A	B	Weight Per Foot	
1/8"	x	1/2"	.230 lbs.
1/8"	x	5/8"	.290 lbs.
1/8"	x	3/4"	.350 lbs.
1/8"	x	1"	.460 lbs.
1/8"	x	1 1/4"	.580 lbs.
1/8"	x	1 1/2"	.690 lbs.
1/8"	x	2"	.920 lbs.
1/4"	x	5/8"	.580 lbs.
1/4"	x	3/4"	.690 lbs.
1/4"	x	1"	.920 lbs.
1/4"	x	1 1/4"	1.150 lbs.
1/4"	x	1 1/2"	1.380 lbs.
1/4"	x	2"	1.840 lbs.
1/4"	x	2 1/2"	2.300 lbs.
1/4"	x	3"	2.760 lbs.
3/8"	x	3/4"	1.03 lbs.
3/8"	x	1"	1.38 lbs.
3/8"	x	1 1/4"	1.73 lbs.
3/8"	x	1 1/2"	2.07 lbs.
3/8"	x	2"	2.76 lbs.

A	B	Weight Per Foot	
1/2"	x	1"	1.84 lbs.
1/2"	x	1 1/4"	2.30 lbs.
1/2"	x	1 1/2"	2.76 lbs.
1/2"	x	2"	3.68 lbs.

BRASS FASTENINGS



BRASS MACHINE SCREWS

Flat Head — Slotted

1/4" No. 20 x 1"

1/4" No. 20 x 1 1/4"

1/4" No. 20 x 1 1/2"

6-32 x 3/8"

6-32 x 1/2"

6-32 x 3/4"

6-32 x 1"

8-32 x 3/8"

8-32 x 1/2"

8-32 x 3/4"

8-32 x 1"

10-24 x 1/2"

10-24 x 3/4"

10-24 x 1"

10-24 x 1 1/2"



BRASS FINISHING HEAD MACHINE SCREWS

Flat Head — Slotted

No. 12 x 1 1/2"

No. 12 x 2"

MUNTZ METAL SHEETS

COLD ROLLED

Matches color of Extruded Bronze



B. & S. Gauge or Inch Thickness	Size of Sheet	Total Weight Per Sheet — Lbs.
16 Gauge — .051"	24" x 48"	17.80 lbs.
16 Gauge — .051"	24" x 96"	35.60 lbs.
16 Gauge — .051"	30" x 96"	44.50 lbs.
14 Gauge — .064"	24" x 48"	22.44 lbs.
14 Gauge — .064"	24" x 96"	44.88 lbs.
14 Gauge — .064"	30" x 96"	56.10 lbs.
1/8" — .125"	24" x 96"	87.56 lbs.

SQUARE TUBING

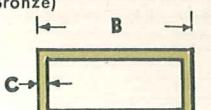
Sharp Corners

Spec.—Copper 85%, Zinc 15%

(Matches color of Extruded Bronze)



RICH LOW
BRASS



RECTANGULAR TUBING

16 Foot Lengths.

A	Size	B	C	Weight Per Foot	
1/2"	x	1/2"	x	.065"	.417 lbs.
5/8"	x	5/8"	x	.065"	.543 lbs.
3/4"	x	3/4"	x	.065"	.670 lbs.
1"	x	1"	x	.065"	.919 lbs.
1 1/4"	x	1 1/4"	x	.083"	1.460 lbs.
1 1/2"	x	1 1/2"	x	.083"	1.780 lbs.
1 3/4"	x	1 3/4"	x	.083"	2.090 lbs.
2"	x	2"	x	.083"	2.410 lbs.

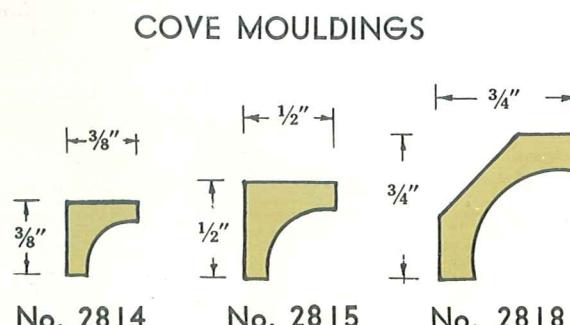
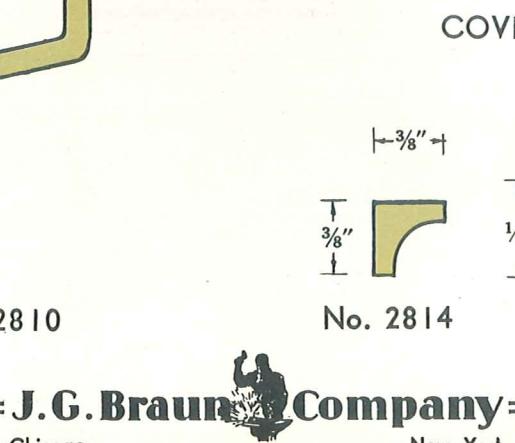
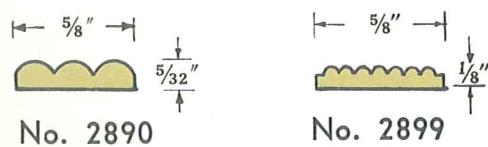
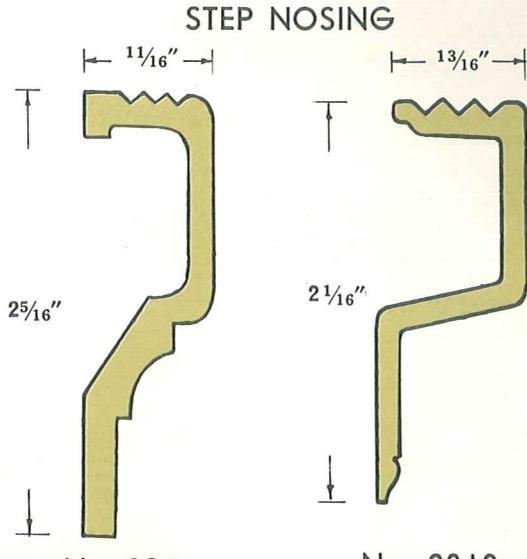
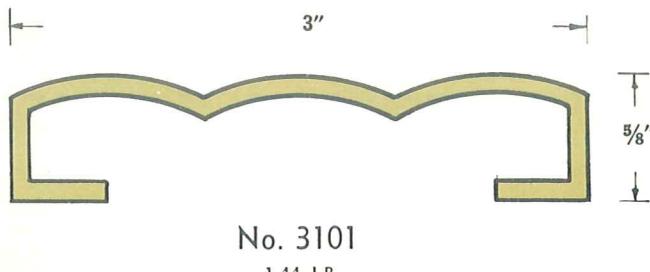
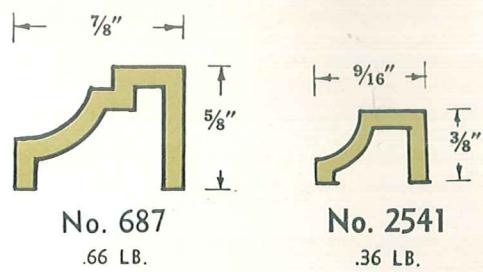
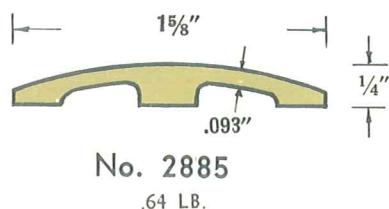
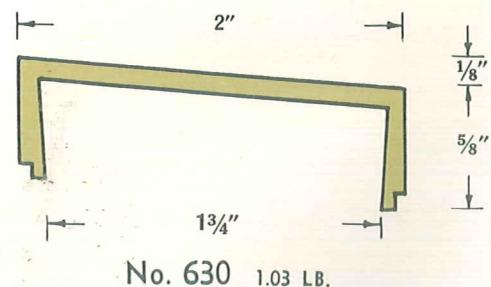
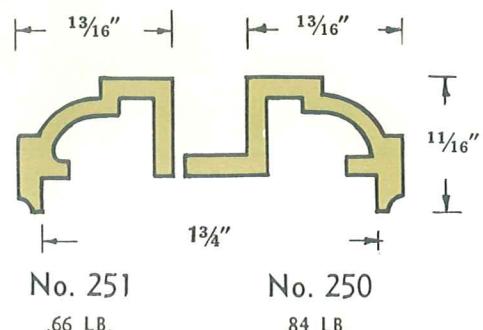
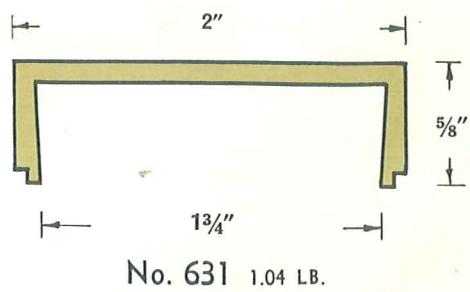
EXTRUDED BRONZE BARS AND SHAPES

Illustrations Full Size

BRONZE MOULDINGS

Spec.—Copper 58%, Zinc, 38½%, Lead 3¼%

Weights and Measurements Approximate



COVE MOULDINGS

J.G. Brauns Company

Chicago

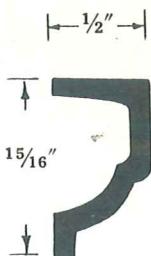
New York

STEEL MOULDINGS

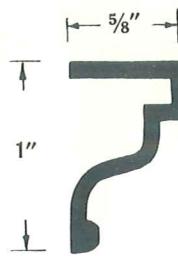
20 Foot Lengths unless otherwise specified

Illustrations Full Size

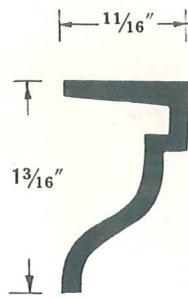
Weights and Measurements Approximate



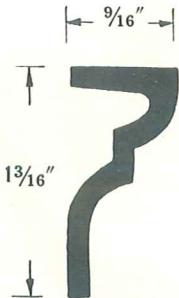
No. 127
.60 lbs.



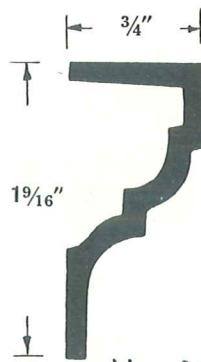
No. 208
.56 lbs.



No. 153
.75 lbs.



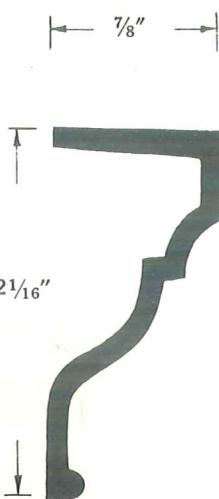
No. 205
.64 lbs.



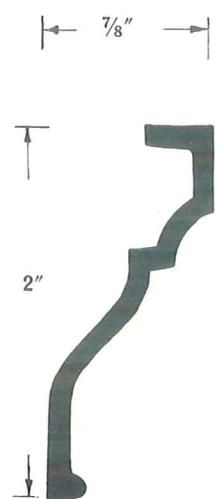
No. 206
.93 lbs.



No. 209
1.33 lbs.



No. 207
1.35 lbs.



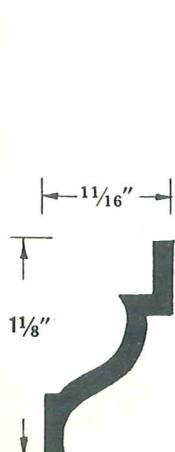
No. 1186
1.00 lbs.



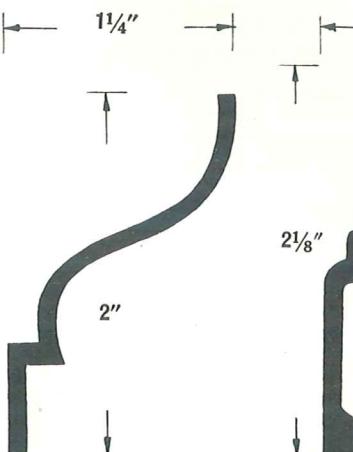
No. 342
1.07 lbs.



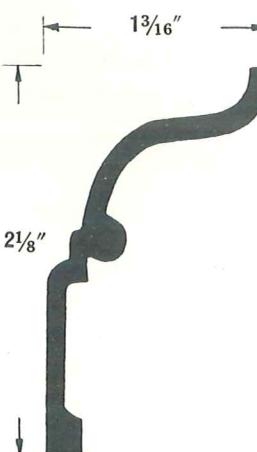
No. 114
1.18 lbs.



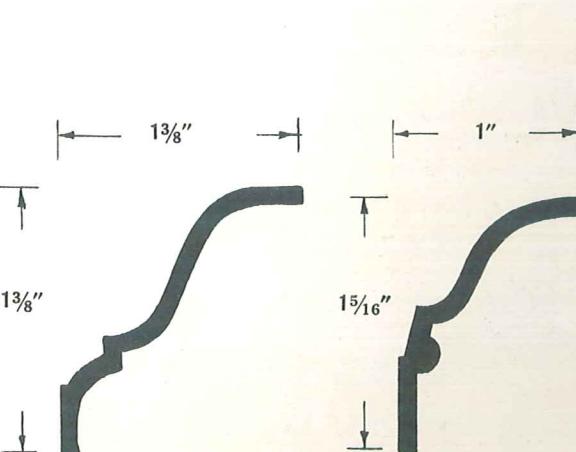
No. 100
.54 lbs.



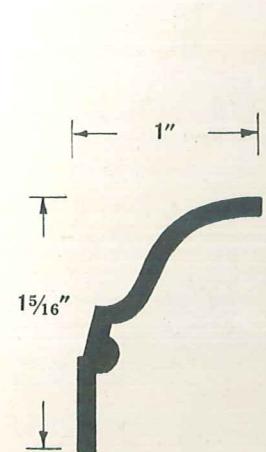
No. 101
.97 lbs.



No. 112
1.21 lbs.



No. 96
.75 lbs.



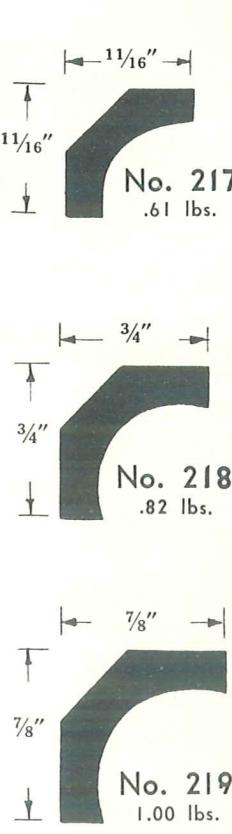
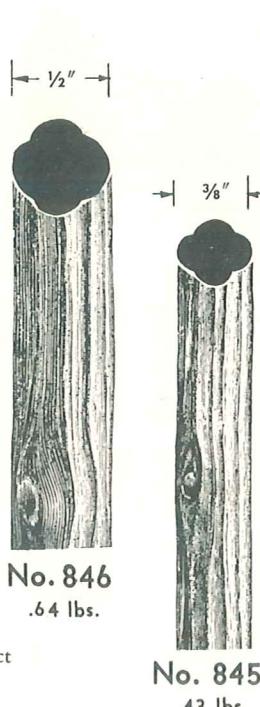
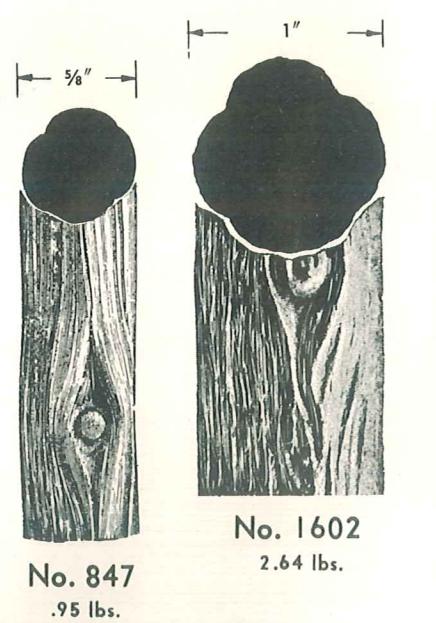
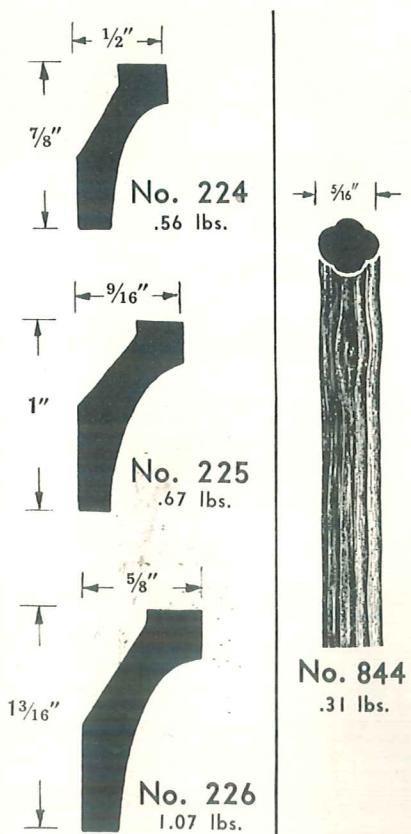
No. 95
.67 lbs.

STEEL MOULDINGS

20 Foot Lengths unless otherwise specified

Weights and Measurements Approximate

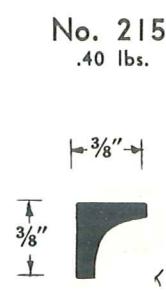
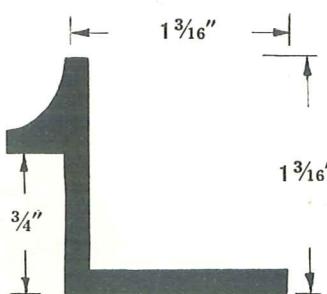
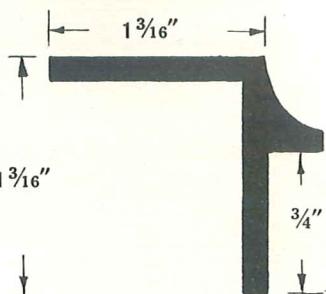
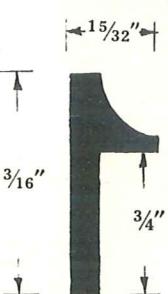
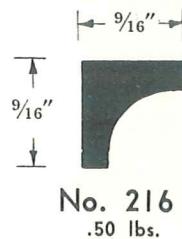
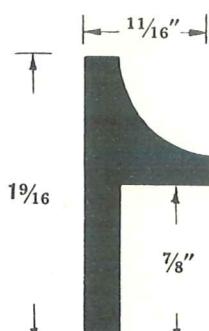
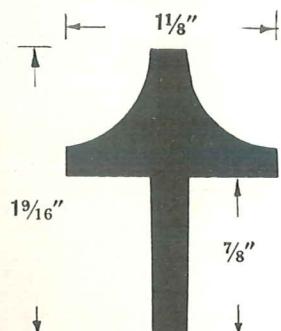
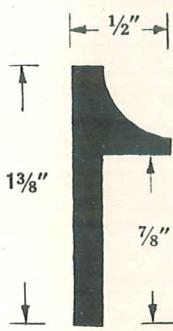
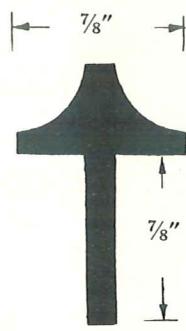
Illustrations Full Size



In these sections the wood effect
is splendidly reproduced.

16 Ft. Length

Their uses are manyfold. A few of them are suggested: For Baluster Rods, Columns, Scrollwork, Stems of Branches, etc.



J.G. Braun & Company

Chicago

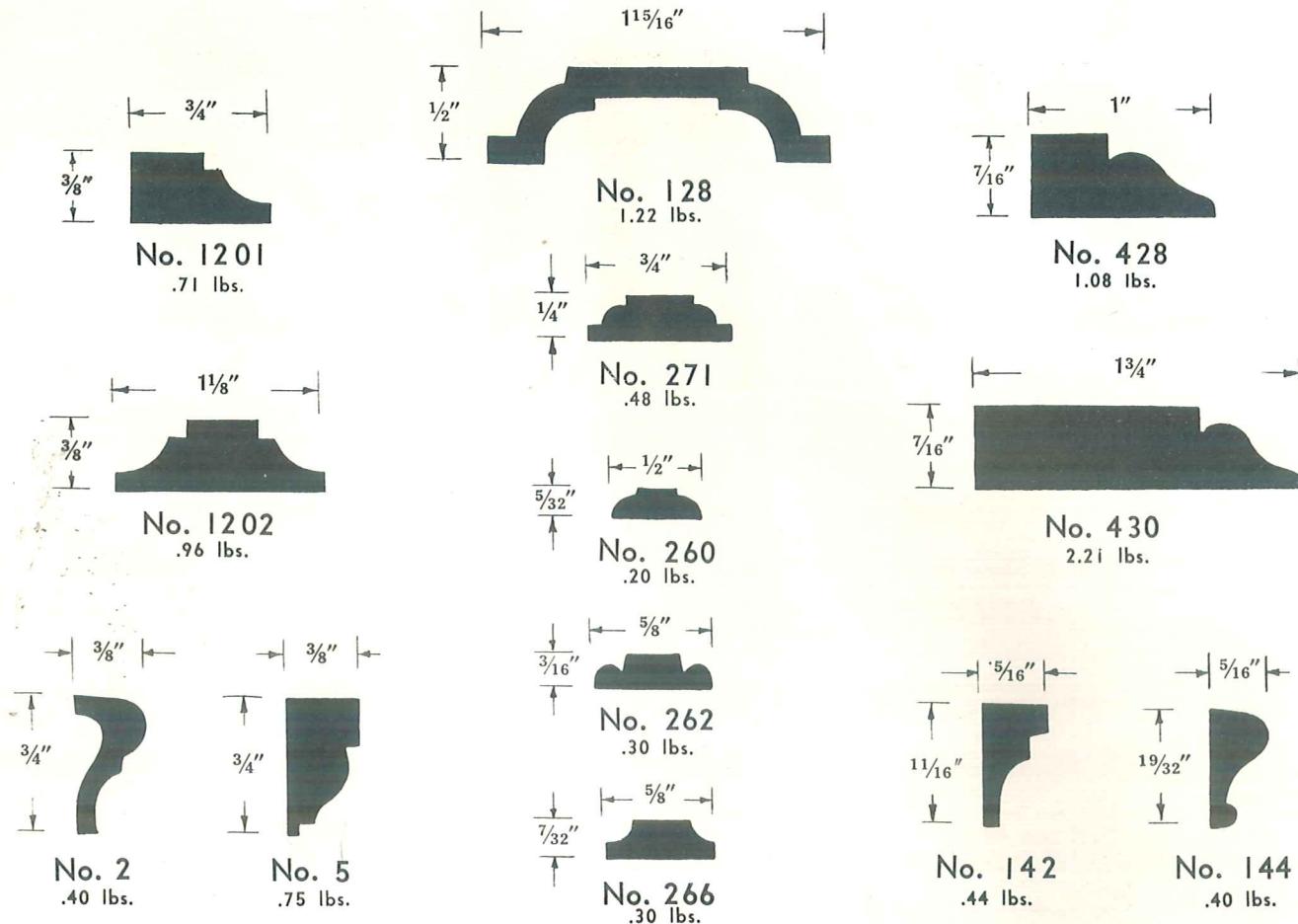
New York

STEEL MOULDINGS

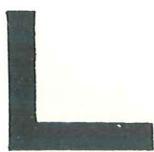
20 Foot Lengths unless otherwise specified

Illustrations Full Size

Weights and Measurements Approximate



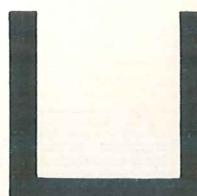
STEEL ANGLES AND CHANNELS



STEEL ANGLES

Equal, Square Root
HOT ROLLED

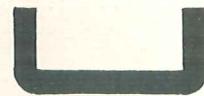
NO.	SIZE	WEIGHT
972	1/2" x 1/2" x 1/8"	.318
976	5/8" x 5/8" x 1/8"	.409
979	3/4" x 3/4" x 1/8"	.499
987	1" x 1" x 1/8"	.681
992	1 1/4" x 1 1/4" x 1/8"	.863
1157	1 1/2" x 1 1/2" x 1/8"	1.200



STEEL CHANNELS

Equal, Square Root
HOT ROLLED

NO.	SIZE	WEIGHT
1061	1/2" x 1/2" x 5/64"	0.33
1052	3/4" x 3/4" x 5/32"	0.56
1054	1" x 1" x 1/8"	1.00
1087	1 1/4" x 1 1/4" x 1/8"	1.35
1155	1 1/2" x 1 1/2" x 1/8"	1.75
1139	2" x 2" x 5/32"	2.64

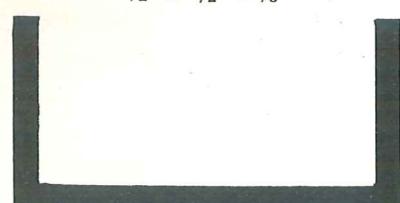


STEEL CHANNELS

Rounded Outside Corners

Cold Rolled

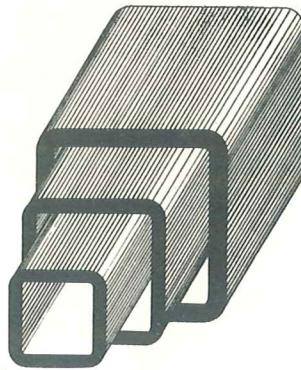
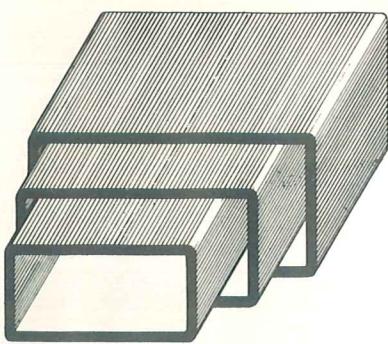
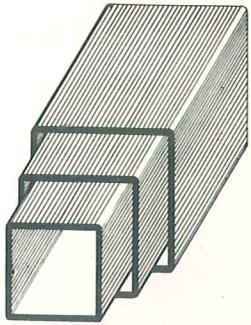
1" x 7/16" x .120"
1 1/4" x 9/16" x 1/8"
1 1/2" x 1/2" x 1/8"



STEEL CHANNELS

Unequal, Square Root
HOT ROLLED

NO.	SIZE	WEIGHT
1089	2" x 1" x 1/8"	1.45

STEEL TUBING**COLD ROLLED
SQUARE WELDED**

$\frac{3}{8}''$ x $\frac{3}{8}''$ x 18	Ga.
$\frac{1}{2}''$ x $\frac{1}{2}''$ x 16	"
$\frac{5}{8}''$ x $\frac{5}{8}''$ x 16	"
$\frac{3}{4}''$ x $\frac{3}{4}''$ x 16	"
$\frac{7}{8}''$ x $\frac{7}{8}''$ x 16	"
1" x 1" x 16	"
1" x 1" x 13	"
1" x 1" x 12	"
1" x 1" x 11	"
$1\frac{1}{4}''$ x $1\frac{1}{4}''$ x 16	"
$1\frac{1}{4}''$ x $1\frac{1}{4}''$ x 14	"
$1\frac{1}{2}''$ x $1\frac{1}{2}''$ x 16	"
$1\frac{1}{2}''$ x $1\frac{1}{2}''$ x 14	"
$1\frac{3}{4}''$ x $1\frac{3}{4}''$ x 14	"
2" x 2" x 14	"
$2\frac{1}{2}''$ x $2\frac{1}{2}''$ x 14	"
3" x 3" x 14	"

**COLD ROLLED
RECTANGULAR WELDED**

$\frac{3}{8}''$ x $\frac{3}{4}''$ x 16	Ga.
$\frac{3}{8}''$ x 1" x 16	"
$\frac{5}{8}''$ x 2" x 14	"
$\frac{3}{4}''$ x $1\frac{1}{2}''$ x 14	"
$\frac{3}{4}''$ x $1\frac{1}{2}''$ x 16	"
1" x $1\frac{1}{2}''$ x 14	"
1" x 2" x 14	"
1" x $2\frac{1}{2}''$ x 14	"
1" x 3" x 14	"
1" x $3\frac{1}{2}''$ x 14	"
$1\frac{1}{4}''$ x $1\frac{3}{4}''$ x 14	"
$1\frac{1}{4}''$ x 2" x 14	"
$1\frac{1}{4}''$ x $2\frac{1}{2}''$ x 14	"
$1\frac{1}{4}''$ x 3" x 14	"
$1\frac{1}{4}''$ x $3\frac{1}{2}''$ x 14	"
1" x 2" x 14	"
1" x $2\frac{1}{2}''$ x 14	"
1" x 3" x 14	"
1" x $3\frac{1}{2}''$ x 14	"
1" x $3\frac{1}{2}''$ x 16	"
2" x 3" x 14	"
2" x 4" x 14	"

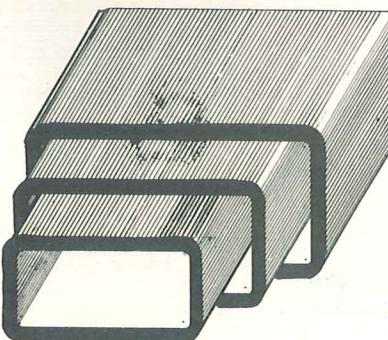
**HOT ROLLED
HEAVY WALL
SQUARE**

$1\frac{1}{4}''$ x $1\frac{1}{4}''$ x .135
$1\frac{1}{2}''$ x $1\frac{1}{2}''$ x .140
2" x 2" x .145
$2\frac{1}{2}''$ x $2\frac{1}{2}''$ x .188
3" x 3" x .180
3" x 3" x .250
$3\frac{1}{2}''$ x $3\frac{1}{2}''$ x .188
4" x 4" x .125
4" x 4" x .180
4" x 4" x .220
4" x 4" x .250
6" x 6" x .188
8" x 8" x .188

Post Caps to fit most sizes of tubing are available from stock. See illustration on page 45.

FOR ALUMINUM TUBING
SEE PAGE No. 50

FOR BRASS TUBING
SEE PAGE No. 38

**HOT ROLLED
HEAVY WALL
RECTANGULAR**

$1\frac{1}{2}''$ x $2\frac{1}{2}''$ x .145
2" x 3" x .188
2" x 4" x .188
2" x 5" x .188
3" x 4" x .188
3" x 5" x .188
3" x 6" x .188
3" x 8" x .188
4" x 5" x .188
4" x 6" x .188
4" x 8" x .188

POST CAPS AND DROPS



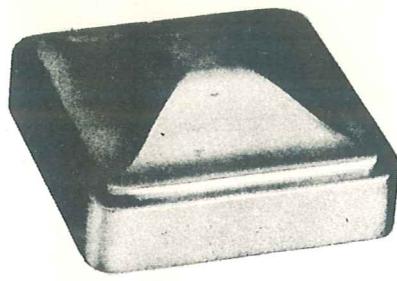
TYPE A
CAST IRON

FOR SQUARE
TUBING

1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ "
1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "
2" x 2"
2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ "
3" x 3"
3 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ "
4" x 4"

FOR RECT.
TUBING

2" x 5"
3" x 4"
3" x 6"
3" x 8"
4" x 6"
4" x 8"



TYPE A
POLISHED ALUMINUM

FOR SQUARE
TUBING

2" x 2"
3" x 3"
3 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ "
4" x 4"

FOR RECT.
TUBING

3" x 4"
3" x 5 $\frac{1}{2}$ "
3" x 6"
3" x 8"
4" x 6"
4" x 8"



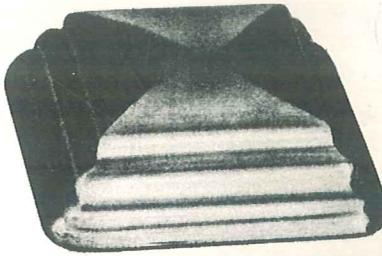
TYPE A
POLISHED BRONZE

FOR SQUARE
TUBING

2" x 2"
3" x 3"
3 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ "
4" x 4"

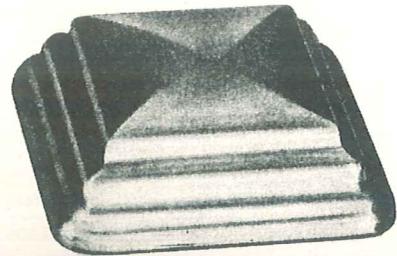
FOR RECT.
TUBING

3" x 4"
3" x 5 $\frac{1}{2}$ "
3" x 6"
3" x 8"
4" x 6"
4" x 8"



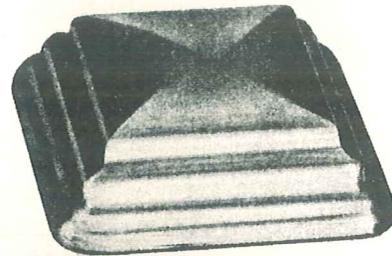
TYPE B
CAST IRON

FOR SQUARE TUBING
3" x 3" 4" x 4"



TYPE B
POLISHED ALUMINUM

FOR SQUARE TUBING
3" x 3" 4" x 4"



TYPE B
POLISHED BRONZE

FOR SQUARE TUBING
3" x 3" 4" x 4"



TYPE C
PRESSED STEEL

FOR SQUARE TUBING
3" x 3" 4" x 4"

Braun

Architectural Shapes

in ALUMINUM

The Largest Offering of Aluminum Shapes From Any Warehouse Stock — To Serve Fabricators of Metal Products.

Hundreds of different extrusions — All matching in color for the most discriminating work — are available for immediate delivery from our Chicago and New York warehouses.

Alloys and lengths have been selected for each shape to facilitate fabrication operations such as welding, bending, shaping, polishing, etc.

THE J. G. BRAUN COMPANY was amongst the pioneers in experimenting with aluminum shapes for architectural metal products.

Many of the shapes illustrated are the result of our experience in designing contours of high artistic merit — yet easily fitted to manufacturers' products.

The following pages contain a selection of stock items, mostly illustrated actual size — BARS, CHANNELS, TEE BARS, ZEE BARS, ANGLES, MOULDINGS, ORNAMENTAL BARS AND ANGLES, PIPE, TUBING, DOOR SECTIONS, STORE FRONT SECTIONS, GLASS SECTIONS, CASEMENT SECTIONS, PILASTER SECTIONS, ASTRAGALS, FACINGS, TRIM, CORNICE MOULDINGS, COVE AND PANEL MOULDINGS, BASE MOULDINGS, THRESHOLDS, WINDOW SILLS AND STOOLS, ETC., ETC.

We solicit your inquiries for special shapes to suit your particular requirements and will furnish prompt quotations for nominal die charges and other information to assist you.

Since 1887

BRAUN PRODUCTS HAVE BEEN SPECIFIED BY ARCHITECTS AND METAL CRAFTSMEN AS "THE STANDARD OF QUALITY"

CHICAGO

J.G. Braun Company

NEW YORK

Braun

Architectural Shapes

in ALUMINUM

Characteristics of Architectural Aluminum

One of the most important features of Aluminum shapes is their resistance to atmospheric corrosive action and their adaptability to fabrication.

Cutting, drilling, tapping, bending, shaping, welding, polishing and other mechanical operations are easily performed on aluminum in contrast to most other metals used in architectural work.

The fact that Aluminum weighs about one-third of most other metals facilitates shop handling and erection.

Alloys

We have carefully selected the alloys most suitable for each shape. Most items are extruded from 63S-T5 alloy which has extra high resistance to corrosion, is suitable for bending and welding and has a very pleasing color.

The alloy is heat-treated to meet structural applications and can be shaped at a temperature of 400° F without losing its corrosion resistance, providing the heating period does not exceed thirty minutes. 63S-T5 can be joined by any conventional welding method.

Design and Application

The wide variety of shapes illustrated will assist architects and metal craftsmen to create designs for every style and purpose. Amongst the many products to which Braun Architectural Shapes in Aluminum can be applied are: STORE FRONTS, DOORS and RAILINGS, COUNTER RAILS, MARQUEES, AWNINGS, PARTITIONS, WINDOWS, ROOF COPINGS, ETC., ETC.

HAND RAILS, HANDRAIL TERMINALS, BRACKETS, FINIALS, PIPE RAIL FITTINGS, ETC., ARE LISTED IN FRONT SECTION OF THIS CATALOG. CONSULT INDEX FOR PAGE NUMBER OF THESE ITEMS.

CHICAGO

J.G. Braun Company

NEW YORK

ALUMINUM BARS AND SHAPES

Weights and Measurements Approximate

RECTANGULAR BARS

16 Ft. Length
63S-T5 Alloy

Size	Wt. Per Foot	Size	Wt. Per Foot	Size	Wt. Per Foot
1/8" x 1/2"	.075 lbs.	1/4" x 1"	.300 lbs.	1/2" x 1 1/4"	.750 lbs.
1/8" x 5/8"	.094 lbs.	1/4" x 1 1/4"	.375 lbs.	1/2" x 1 1/2"	.882 lbs.
1/8" x 3/4"	.112 lbs.	1/4" x 1 1/2"	.450 lbs.	1/2" x 1 3/4"	1.050 lbs.
1/8" x 1"	.150 lbs.	1/4" x 1 3/4"	.525 lbs.	1/2" x 2"	1.200 lbs.
1/8" x 1 1/4"	.182 lbs.	1/4" x 2"	.582 lbs.	1/2" x 2 1/2"	1.500 lbs.
1/8" x 1 1/2"	.224 lbs.	1/4" x 2 1/2"	.750 lbs.	1/2" x 3"	1.800 lbs.
1/8" x 1 3/4"	.263 lbs.	1/4" x 3"	.900 lbs.	1/2" x 4"	2.396 lbs.
1/8" x 2"	.300 lbs.	1/4" x 4"	1.164 lbs.	1/2" x 6"	3.600 lbs.
1/8" x 2 1/2"	.375 lbs.	1/4" x 5"	1.500 lbs.	5/8" x 1"	.749 lbs.
1/8" x 3"	.450 lbs.	1/4" x 6"	1.800 lbs.	5/8" x 1 1/4"	.936 lbs.
1/8" x 4"	.600 lbs.	5/16" x 2"	.749 lbs.	5/8" x 1 1/2"	1.124 lbs.
3/16" x 1/2"	.113 lbs.	3/8" x 1/2"	.224 lbs.	5/8" x 2"	1.498 lbs.
3/16" x 5/8"	.141 lbs.	3/8" x 5/8"	.278 lbs.	5/8" x 3"	2.246 lbs.
3/16" x 3/4"	.169 lbs.	3/8" x 3/4"	.338 lbs.	3/4" x 1"	.899 lbs.
3/16" x 1"	.226 lbs.	3/8" x 1"	.450 lbs.	3/4" x 1 1/2"	1.320 lbs.
3/16" x 1 1/4"	.281 lbs.	3/8" x 1 1/4"	.561 lbs.	3/4" x 1 3/4"	1.572 lbs.
3/16" x 1 1/2"	.337 lbs.	3/8" x 1 1/2"	.675 lbs.	3/4" x 2"	1.764 lbs.
3/16" x 1 3/4"	.394 lbs.	3/8" x 1 3/4"	.787 lbs.	3/4" x 2 1/2"	2.246 lbs.
3/16" x 2"	.450 lbs.	3/8" x 2"	.873 lbs.	3/4" x 3"	2.700 lbs.
3/16" x 2 1/2"	.563 lbs.	3/8" x 2 1/2"	1.126 lbs.	3/4" x 4"	3.594 lbs.
3/16" x 3"	.677 lbs.	3/8" x 3"	1.350 lbs.	1" x 1 1/2"	1.800 lbs.
1/4" x 1/2"	.147 lbs.	3/8" x 3 1/2"	1.576 lbs.	1" x 2"	2.400 lbs.
1/4" x 5/8"	.187 lbs.	1/2" x 3/4"	.449 lbs.	1" x 3"	3.600 lbs.
1/4" x 3/4"	.225 lbs.	1/2" x 1"	.600 lbs.	2" x 4"	9.584 lbs.



SQUARE BARS

16 Ft. Length
63S-T5 Alloy

Size	Wt. Per Foot	Size	Wt. Per Foot	Size	Wt. Per Foot
1/4" x 1/4"	.073 lbs.	1/2" x 1/2"	.294 lbs.	1 1/4" x 1 1/4"	1.875 lbs.
5/16" x 5/16"	.116 lbs.	5/8" x 5/8"	.468 lbs.	1 1/2" x 1 1/2"	2.700 lbs.
3/8" x 3/8"	.169 lbs.	3/4" x 3/4"	.673 lbs.	2" x 2"	4.800 lbs.
		1" x 1"	1.200 lbs.		

ORNAMENTAL BARS

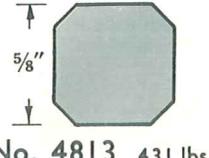
16' LGTH 63S-T5 Alloy



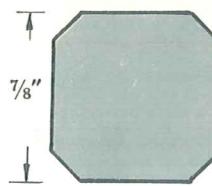
ROUND RODS

16 Ft. Length
63S-T5 Alloy

Diam.	Wt. Per Foot
1/2"	.235 lbs.
5/8"	.368 lbs.
3/4"	.529 lbs.
1"	.942 lbs.
1 1/4"	1.472 lbs.
1 1/2"	2.120 lbs.
2"	3.770 lbs.

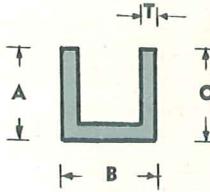


No. 4813 .431 lbs.

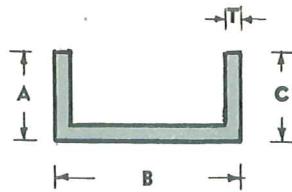


No. 4814 .860 lbs.

ALUMINUM CHANNELS

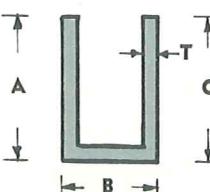


EQUAL
Sharp Corners



UNEQUAL
Sharp Corners

Number	Size	Weight	Length	Alloy			
Number	A	B	C	T	Per Foot	Length	Alloy
4614	1/2" x 1/2" x 1/2" x 3/32"	.148 lbs.	16'	63S-T5			
4688	5/8" x 5/8" x 5/8" x 1/8"	.244 lbs.	16'	63S-T5			
4962	3/4" x 3/4" x 3/4" x 1/8"	.300 lbs.	16'	63S-T5			
4613	1" x 1" x 1" x 1/8"	.413 lbs.	16'	63S-T5			
4601	1 1/4" x 1 1/4" x 1 1/4" x 1/8"	.526 lbs.	16'	63S-T5			
4607	1 1/2" x 1 1/2" x 1 1/2" x 1/8"	.637 lbs.	16'	63S-T5			
4966	2" x 2" x 2" x 1/8"	.863 lbs.	16'	63S-T5			
4608	2" x 2" x 2" x 3/16"	1.262 lbs.	16'	63S-T5			



UNEQUAL
Sharp Corners
SASH TYPE

Number	Size	Weight	Length	Alloy			
Number	A	B	C	T	Per Foot	Length	Alloy
4606	3/4" x 1/2" x 3/4" x 3/32"	.240 lbs.	16'	63S-T5			
4686	3/4" x 1/2" x 3/4" x 1/8"	.263 lbs.	16'	63S-T5			

Number	Size	Weight	Length	Alloy			
Number	A	B	C	T	Per Foot	Length	Alloy
4971	3/8" x 1/2" x 3/8" x 1/8"	.150 lbs.	16'	63S-T5			
4611	3/8" x 3/4" x 3/8" x 1/8"	.187 lbs.	16'	63S-T5			
4600	1/2" x 1" x 1/2" x 1/8"	.263 lbs.	20'	63S-T5			
4609	1/2" x 1 1/4" x 1/2" x 1/8"	.300 lbs.	20'	63S-T5			
4959	1/2" x 1 7/16" x 1/2" x 3/32"	.251 lbs.	20'	63S-T5			
4612	1/2" x 1 1/2" x 1/2" x 1/8"	.337 lbs.	20'	63S-T5			
4963	3/4" x 1 1/2" x 3/4" x 1/8"	.413 lbs.	16'	63S-T5			
4616	1/2" x 1 3/4" x 1/2" x 1/8"	.374 lbs.	16'	63S-T5			
4986	3/4" x 1 3/4" x 3/4" x 1/8"	.450 lbs.	16'	63S-T5			
4689	1" x 1 3/4" x 1" x 1/8"	.524 lbs.	16'	63S-T5			
4617	1/2" x 2" x 1/2" x 1/8"	.413 lbs.	16'	63S-T5			
4965	1" x 2" x 1" x 1/8"	.564 lbs.	20'	63S-T5			
4958	9/16" x 2 3/32" x 9/16" x 3/32"	.360 lbs.	20'	63S-T5			
4668	7/8" x 2 1/4" x 7/8" x 1/8"	.563 lbs.	16'	63S-T5			
4967	3/4" x 2 1/2" x 3/4" x 1/8"	.564 lbs.	16'	63S-T5			
4693	1 1/2" x 2 1/2" x 1 1/2" x 1/8"	.787 lbs.	22'	61S-T6			
4610	1 1/2" x 3" x 1/2" x 1/8"	.563 lbs.	16'	63S-T5			
4968	1" x 3" x 1" x 1/8"	.713 lbs.	16'	63S-T5			
4969	1 1/2" x 4" x 1 1/2" x 1/8"	1.013 lbs.	16'	63S-T5			
4970	2" x 5" x 2" x 3/16"	1.940 lbs.	16'	63S-T5			

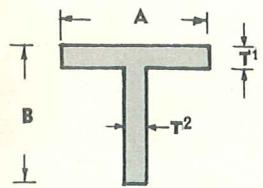
J.G. Braun Company

Chicago

New York

ALUMINUM SHAPES

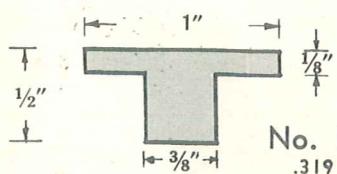
Illustrations Full Size



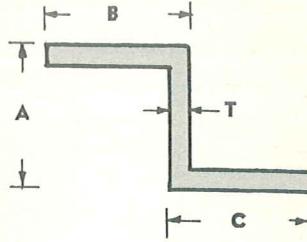
TEE BARS

63S-T5 Alloy
16 Ft. Length

Number	A	B	T ¹	T ²	Size	Weight Per Foot
18307	3/4"	3/4"	1/8"	1/8"	.206 lbs.	
4625	3/4"	1"	1/8"	1/8"	.244 lbs.	
4716	3/4"	1 1/4"	1/8"	1/8"	.280 lbs.	
4626	3/4"	1 3/8"	5/32"	5/32"	.370 lbs.	
8983	7/8"	1 1/4"	1/8"	1/8"	.300 lbs.	
7030	7/8"	1 1/4"	5/32"	1/8"	.328 lbs.	
18308	1"	x	3/4"	1/8"	.244 lbs.	
25055	1"	x	1"	1/8"	.281 lbs.	
7895	1 1/4"	x	7/8"	1/8"	.300 lbs.	
4978	1 1/2"	x	1 3/4"	3/16"	.689 lbs.	
18906	2"	x	3/4"	1/8"	.394 lbs.	
7258	2"	x	2"	3/16"	.860 lbs.	



No. 1257
.319 lbs.



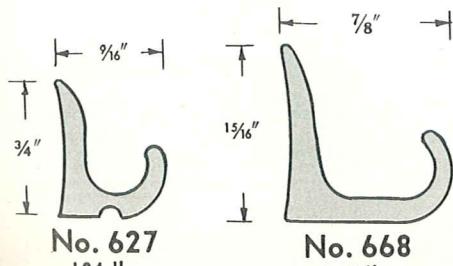
ZEE BARS

63S-T5 Alloy
16 Ft. Length

Number	A	B	C	T	Size	Weight Per Foot
4618	3/4"	x	3/4"	3/4"	1/8"	.300 lbs.
23787	7/8"	x	3/4"	3/4"	1/8"	.319 lbs.
4622	1"	x	5/8"	7/8"	1/8"	.337 lbs.
4619	1"	x	1 1/8"	1 1/8"	1/8"	.450 lbs.
4684	1 3/16"	x	1 1/16"	1 1/2"	1 1/2"	.676 lbs.

DRIP MOULDINGS

63S-T42 Alloy
16 Ft. Length



ORNAMENTAL ANGLES

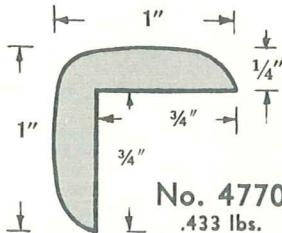
63S-T42 Alloy
16 Ft. Length



No. 4656
.133 lbs.



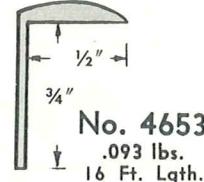
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.157 lbs.



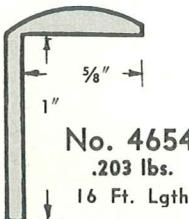
No. 4770
.433 lbs.

COUNTER EDGINGS

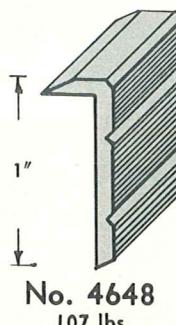
63S-T42 Alloy



No. 4653
.093 lbs.
16 Ft. Lgth.

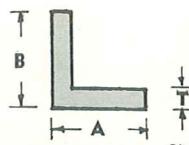


No. 4654
.203 lbs.
16 Ft. Lgth.



No. 4648
.107 lbs.
12 Ft. Lgth.

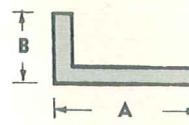
Weights and Measurements Approximate



ANGLES EQUAL

63S-T5 Alloy
16 Ft. Length

Number	A	B	T	Size	Weight Per Foot
4638	1/2"	x	1/2"	1/16"	.070 lbs.
4627	1/2"	x	1/2"	1/8"	.131 lbs.
4628	5/8"	x	5/8"	1/8"	.168 lbs.
4953	3/4"	x	3/4"	1/16"	.108 lbs.
4678	3/4"	x	3/4"	3/32"	.158 lbs.
4629	3/4"	x	3/4"	1/8"	.206 lbs.
4954	1"	x	1"	1/16"	.145 lbs.
4630	1"	x	1"	1/8"	.281 lbs.
4615	1"	x	1"	3/16"	.408 lbs.
4631	1 1/4"	x	1 1/4"	1/8"	.355 lbs.
4603	1 1/4"	x	1 1/4"	3/16"	.519 lbs.
4632	1 1/2"	x	1 1/2"	1/8"	.431 lbs.
4623	1 1/2"	x	1 1/2"	3/16"	.633 lbs.
4684	1 3/4"	x	1 3/4"	1/8"	.506 lbs.
4620	2"	x	2"	1/8"	.581 lbs.
4633	2"	x	2"	3/16"	.857 lbs.
4604	2"	x	2"	1/4"	1.124 lbs.



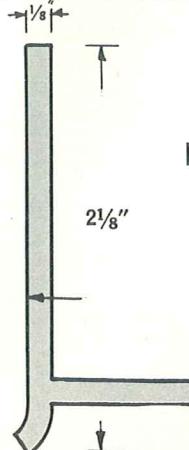
ANGLES UNEQUAL

63S-T5 Alloy
16 Ft. Length

Number	A	B	T	Size	Weight Per Foot
4634	3/4"	x	3/8"	3/32"	.116 lbs.
4955	1"	x	1/2"	3/32"	.158 lbs.
4635	1"	x	1/2"	1/8"	.206 lbs.
4957	1"	x	3/4"	1/8"	.244 lbs.
4636	1 1/4"	x	1/2"	1/8"	.244 lbs.
4637	1 1/2"	x	3/4"	1/8"	.319 lbs.
4624	1 1/2"	x	1"	1/8"	.356 lbs.
4639	2"	x	1"	1/8"	.431 lbs.
4663	3 1/2"	x	1 1/4"	1/8"	.694 lbs.

62S-T6 Alloy 22 Ft. Length

4685 5 1/4" x 2 1/4" x 1/8" 1.106 lbs.



DRIP ANGLE

63S-T42 Alloy
10 Ft. Length

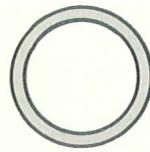
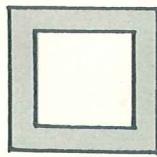
No. 3132
.610 lbs.

ALUMINUM TUBING

ALUMINUM PIPE

AND

PIPE PARTITION SECTION

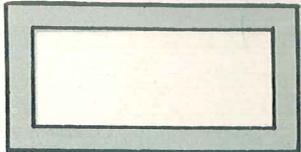
*Weights and Measurements Approximate*

SQUARE ALUMINUM TUBING

Square Cornered

EXTRUDED AND DRAWN

Outside Dimensions	Wall Thickness	Length	Weight Per Foot	Alloy
1/2" x 1/2"	.062"	18'	.130 lbs.	As Drawn 3S-F
5/8" x 5/8"	.062"	18'	.167 lbs.	As Drawn 3S-F
3/4" x 3/4"	.062"	18'	.205 lbs.	As Drawn 3S-F
3/4" x 3/4"	.125"	18'	.374 lbs.	As Extruded 63S-T5
1" x 1"	.062"	18'	.278 lbs.	As Drawn 3S-F
1" x 1"	.125"	18'	.526 lbs.	As Extruded 63S-T5
1 1/4" x 1 1/4"	.062"	18'	.353 lbs.	As Drawn 3S-F
1 1/4" x 1 1/4"	.125"	18'	.675 lbs.	As Extruded 63S-T5
1 1/2" x 1 1/2"	.062"	18'	.428 lbs.	As Drawn 3S-F
1 1/2" x 1 1/2"	.125"	18'	.825 lbs.	As Extruded 63S-T5
1 3/4" x 1 3/4"	.062"	18'	.502 lbs.	As Drawn 3S-F
1 3/4" x 1 3/4"	.125"	18'	.975 lbs.	As Extruded 63S-T5
2" x 2"	.062"	18'	.576 lbs.	As Drawn 3S-F
2" x 2"	.125"	18'	1.124 lbs.	As Extruded 63S-T5
2 1/2" x 2 1/2"	.093"	18'	1.074 lbs.	As Drawn 3S-F
3" x 3"	.093"	18'	1.297 lbs.	As Drawn 3S-F
4" x 4"	.125"	20'	2.324 lbs.	As Drawn 3S-F



RECTANGULAR ALUMINUM TUBING

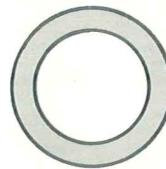
Square Cornered

EXTRUDED AND DRAWN

Outside Dimensions	Wall Thickness	Length	Weight Per Foot	Alloy
1/2" x 1"	.078"	18'	.246 lbs.	As Drawn 3S-F
1/2" x 1"	.125"	18'	.328 lbs.	As Extruded 63S-T5
3/4" x 1 1/2"	.078"	18'	.384 lbs.	As Drawn 3S-F
3/4" x 1 1/2"	.125"	18'	.588 lbs.	As Extruded 63S-T5
1" x 1 1/2"	.078"	18'	.431 lbs.	As Drawn 3S-F
1" x 1 1/2"	.125"	18'	.661 lbs.	As Extruded 63S-T5
1" x 2"	.083"	18'	.553 lbs.	As Drawn 3S-F
1" x 2"	.125"	18'	.851 lbs.	As Extruded 63S-T5
1 1/4" x 2 1/2"	.125"	18'	1.023 lbs.	As Extruded 63S-T5
1 1/2" x 2"	.125"	18'	.967 lbs.	As Extruded 63S-T5
1 1/2" x 2 1/2"	.125"	18'	1.100 lbs.	As Drawn 3S-F
1 3/4" x 2 1/4"	.125"	21 1/1"	1.126 lbs.	As Extruded 63S-T5
1 3/4" x 3"	.125"	18'	1.350 lbs.	As Extruded 63S-T5
1 3/4" x 3 1/4"	.102"	20'	1.150 lbs.	As Drawn 3S-F
1 3/4" x 3 1/2"	.125"	18'	1.470 lbs.	As Extruded 63S-T5
1 3/4" x 4"	.125"	20'	1.650 lbs.	As Extruded 63S-T5
1 3/4" x 4 1/2"	.125"	20'	1.765 lbs.	As Extruded 63S-T5
1 3/4" x 5"	.125"	20'	1.950 lbs.	As Extruded 63S-T5
2" x 3"	.125"	20'	1.426 lbs.	As Extruded 63S-T5
2" x 5"	.125"	20'	1.985 lbs.	As Extruded 63S-T5

ROUND
SEAMLESS
ALUMINUM TUBING

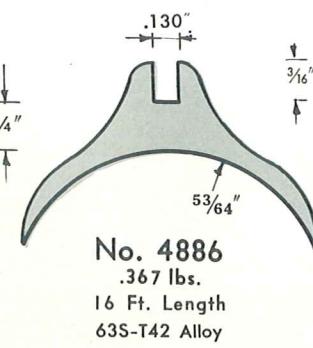
Size O.D.	Wall Thickness	Length	Weight Per Foot	Alloy
3/8"	.049"	12'	.059 lbs.	61S-T6
1/2"	.065"	12'	.104 lbs.	61S-T6
5/8"	.065"	12'	.134 lbs.	61S-T6
3/4"	.065"	12'	.164 lbs.	61S-T6
1"	.065"	12'	.224 lbs.	61S-T6
1 1/4"	.065"	12'	.284 lbs.	61S-T6
1 1/2"	.065"	12'	.344 lbs.	61S-T6

ALUMINUM
I.P.S. STANDARD PIPE

63S-T6 Alloy

20 Ft. Length. Plain Ends

I. P. S.	Outside Diameter	Inside Diameter	Wall Thickness	Weight Per Foot
1/2"	.840"	.622"	.109"	.294 lbs.
3/4"	1.050"	.824"	.113"	.390 lbs.
1"	1.315"	1.049"	.133"	.580 lbs.
1 1/4"	1.660"	1.380"	.140"	.785 lbs.
1 1/2"	1.900"	1.610"	.145"	.939 lbs.
2"	2.375"	2.067"	.154"	1.262 lbs.
3"	3.500"	3.068"	.216"	2.617 lbs.

PARTITION SECTION
FOR USE WITH I.P.S. PIPE

.367 lbs.
16 Ft. Length
63S-T42 Alloy

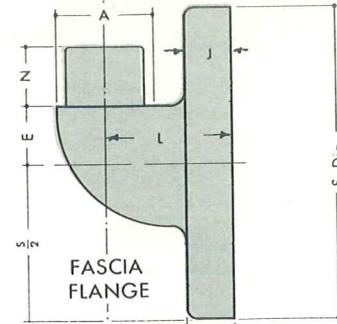
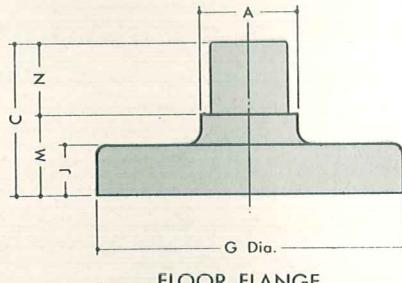
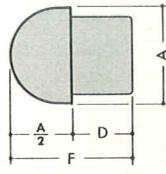
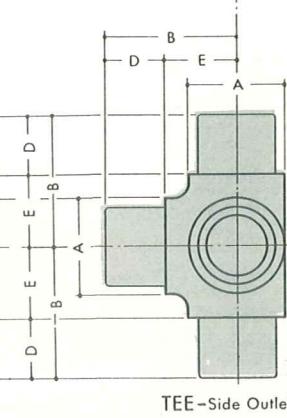
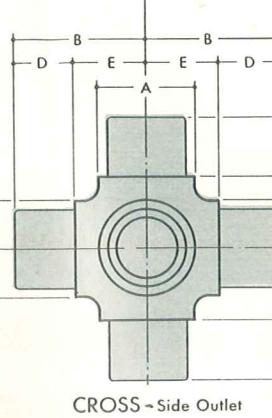
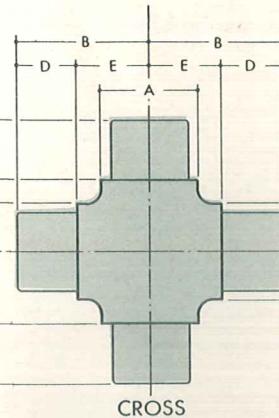
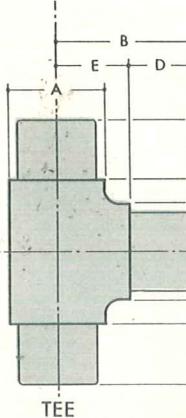
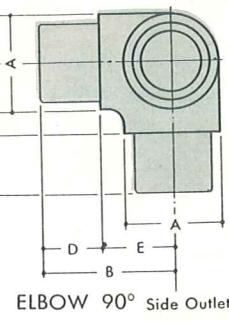
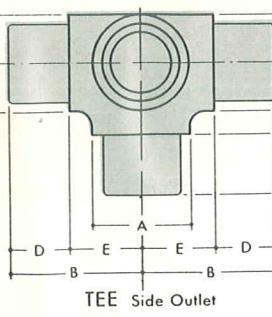
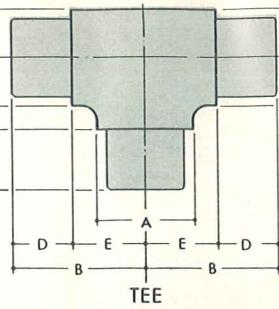
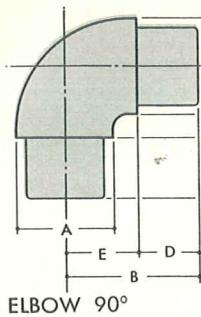
J.G. Braun Company

Chicago

New York

ALUMINUM PIPE RAIL FITTINGS

ALUMINUM I.P.S. PIPE FITTINGS—FLUSH TYPE

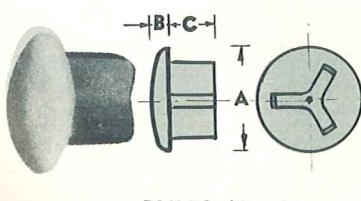


90° FLUSH TYPE FITTINGS — DIMENSIONS, INCHES

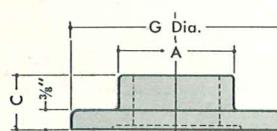
I.P.S.	A	B	C	D	E	F	G	H	J	K	L	M	N	R	S
1 1/4"	1 21/32"	2 1/2"	3 1/16"	1 1/4"	1 1/4"	2 5/64"	4 5/8"	3 1/4"	3/8"	9/16"	1 3/4"	1"	2 1/16"	4"	5 3/8"
1 1/2"	1 29/32"	2 3/4"	3 1/2"	1 1/4"	1 1/2"	2 13/64"	5 1/8"	3 3/4"	7/16"	9/16"	1 15/16"	1 1/16"	2 7/16"	4 3/8"	5 3/4"

Pipe and Flush Type Fittings are fastened together by means of pins.

All Flush Type Fittings are cast Aluminum Alloy B-214 except floor flanges and fascia flanges which are forged Aluminum Alloy 61S-T.



I.P.S.	A	B	C
3/4"	1 5/16"	5/16"	1 1/4"
1"	1 1/16"	5/16"	1 1/4"
1 1/4"	1 15/16"	5/16"	1 1/4"
1 1/2"	2 3/16"	5/16"	1 1/4"
2"	2 21/32"	5/16"	1 1/4"



I.P.S.	A	C	G
1 1/2"	2 13/32"	1 3/8"	5 3/16"

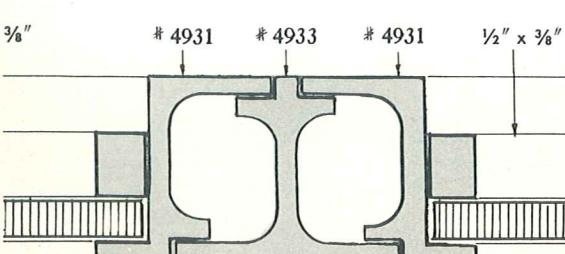
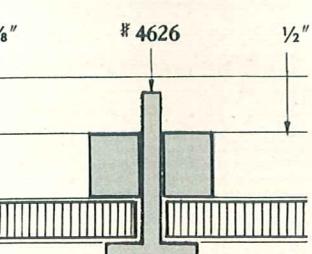
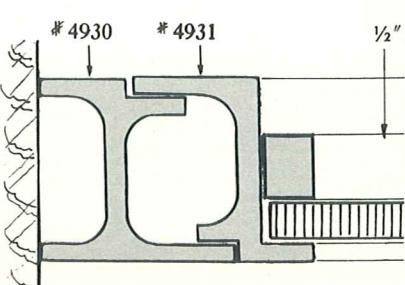
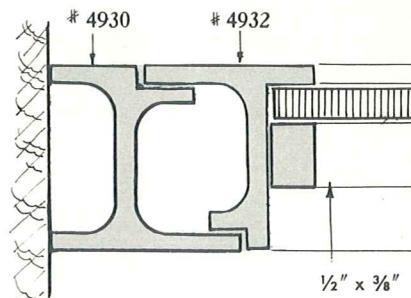
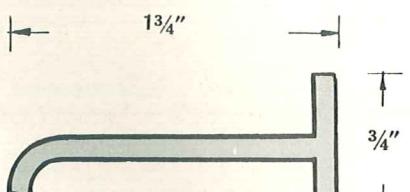
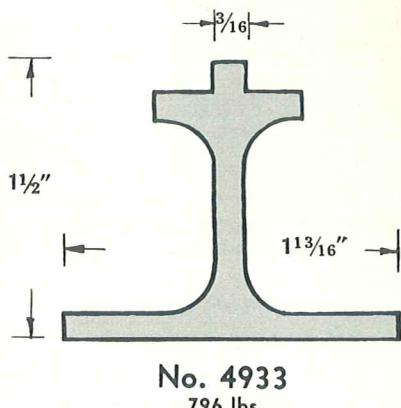
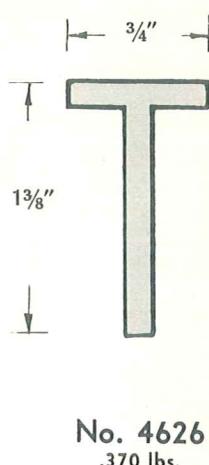
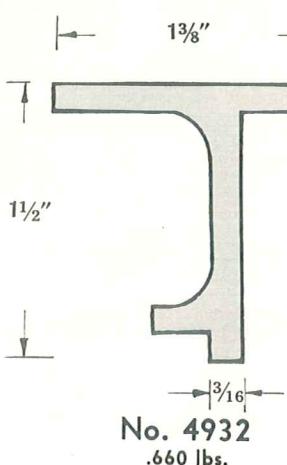
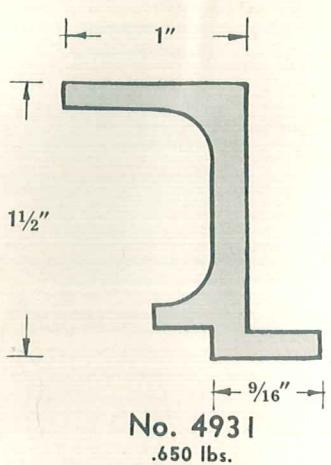
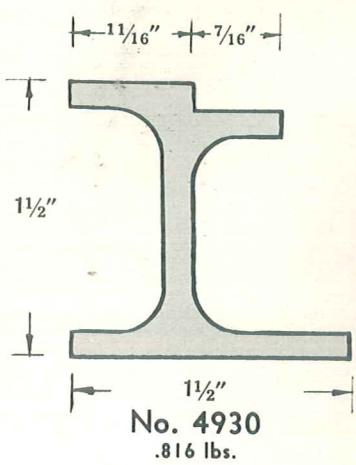
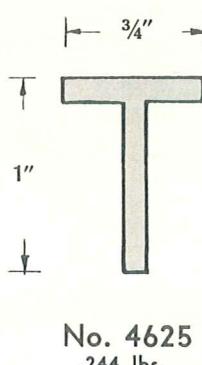
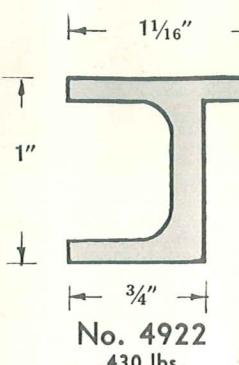
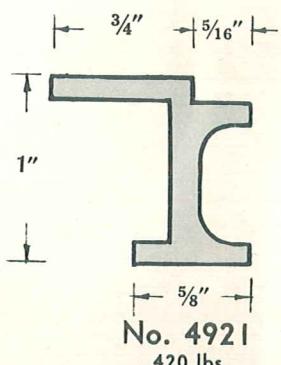
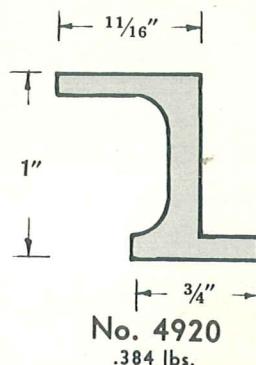
61S-T. forged Aluminum Alloy

ALUMINUM MOULDINGS

63S-T5 Alloy
16 Ft. Length

CASEMENT SECTIONS

Weights and Measurements Approximate

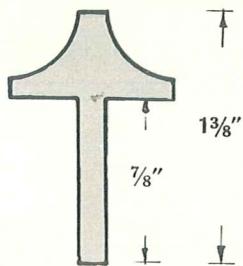


ALUMINUM MOULDINGS

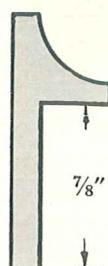
63S-T5 Alloy Unless Noted Otherwise
16 Ft. Length

GLASS SECTIONS

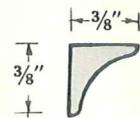
Weights and Measurements Approximate
Illustrations Full Size



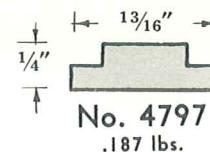
No. 4789
.391 lbs.



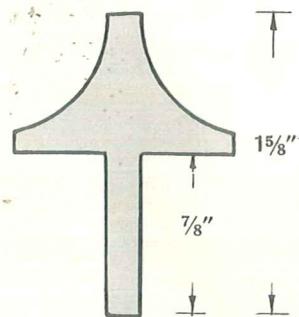
No. 4790
.299 lbs.



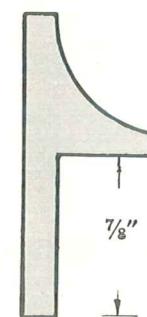
No. 4713
.061 lbs.
63S T42 Alloy



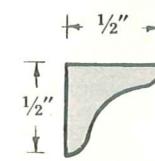
No. 4797
.187 lbs.



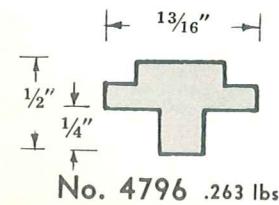
No. 4784
.718 lbs.



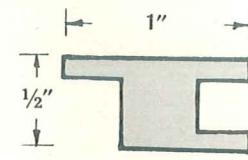
No. 4785
.602 lbs.



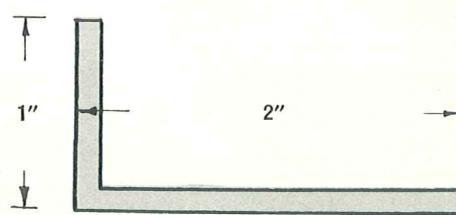
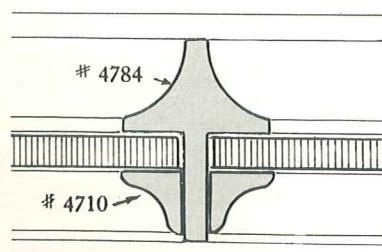
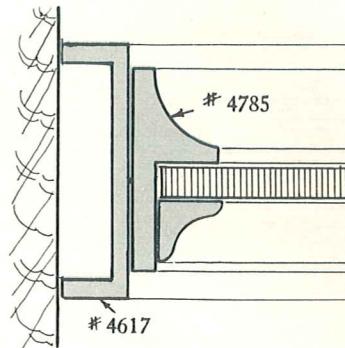
No. 4710
.168 lbs.
63S T42 Alloy



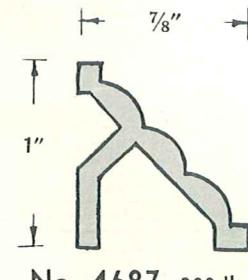
No. 4796 .263 lbs.



No. 4671 .372 lbs.



No. 4639 .431 lbs.



No. 4687 .300 lbs.

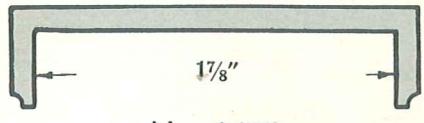
For Glass Stop and Cove
Mouldings See Page No. 61

ALUMINUM MOULDINGS

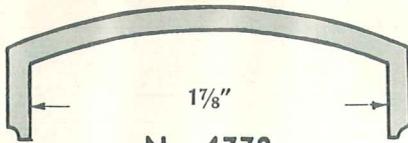
All 63S-T5 Alloy
16 Ft. Length

DOOR SECTIONS

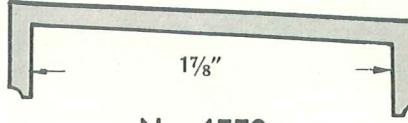
Weights and Measurements Approximate
Illustrations Full Size



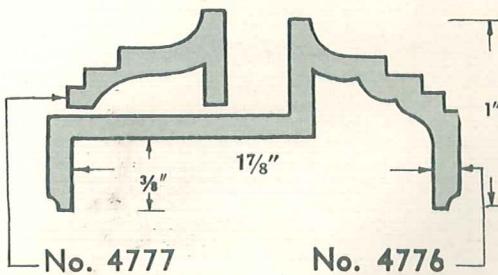
No. 4775
.431 lbs.



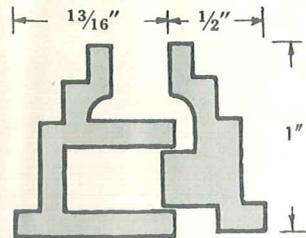
No. 4778
.438 lbs.



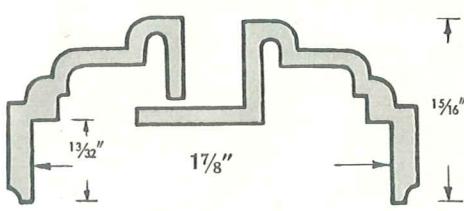
No. 4779
.431 lbs.



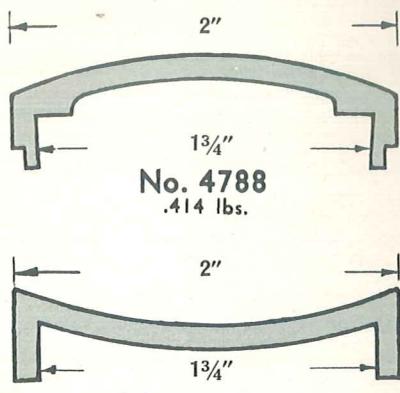
No. 4777
.209 lbs.



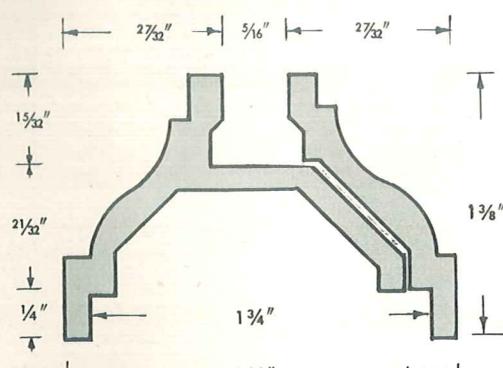
No. 4776
.528 lbs.



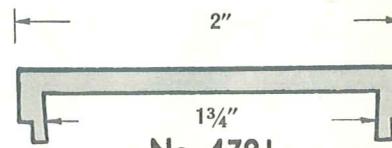
No. 4774
.220 lbs.



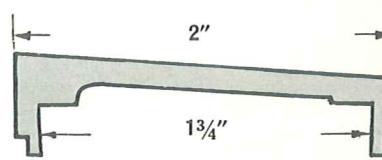
No. 4786
.410 lbs.



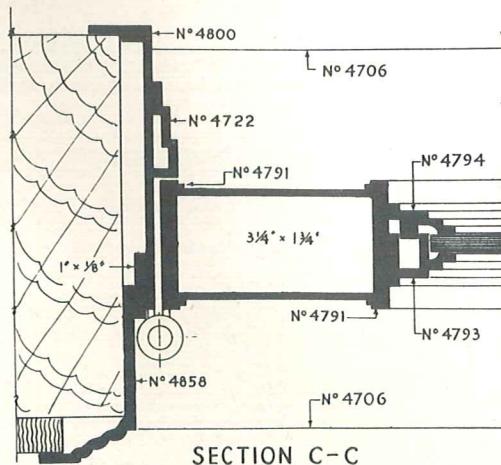
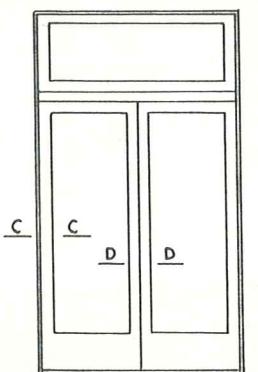
No. 6770
.540 lbs.



No. 4791
.366 lbs.



No. 4792
.454 lbs.



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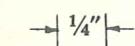
Chicago

New York

Al 63S-T5 Alloy

ALUMINUM MOULDINGS

DOOR SECTIONS

Weights and Measurements Approximate
Illustrations Full Size

No. 4783
.372 lbs.
16 Ft. Lgth.



No. 4780
1.600 lbs.
20 Ft. Lgth.



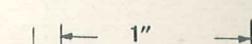
No. 4782
.469 lbs.
16 Ft. Lgth.



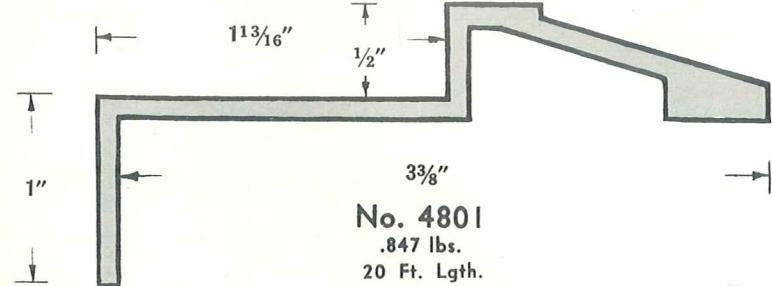
No. 4722
.300 lbs.
16 Ft. Lgth.



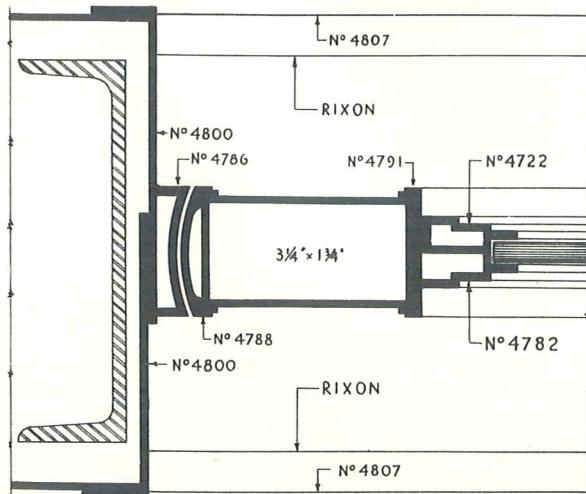
No. 4800
.853 lbs.
20 Ft. Lgth.



No. 4781
.492 lbs.
16 Ft. Lgth.



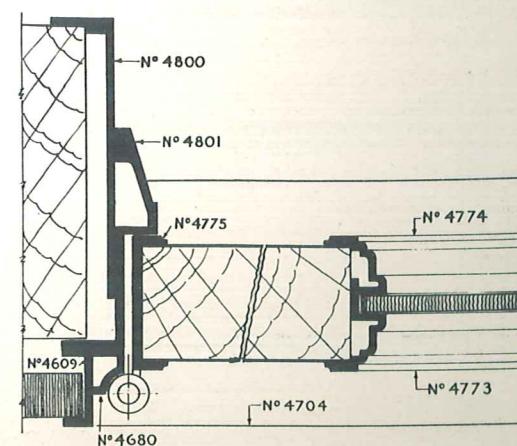
No. 4801
.847 lbs.
20 Ft. Lgth.



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New York



Door Buck Sections No. 4800 and No. 4801 are designed so that they will take care of varying conditions. They can be used for hollow tile from 3" to 6".

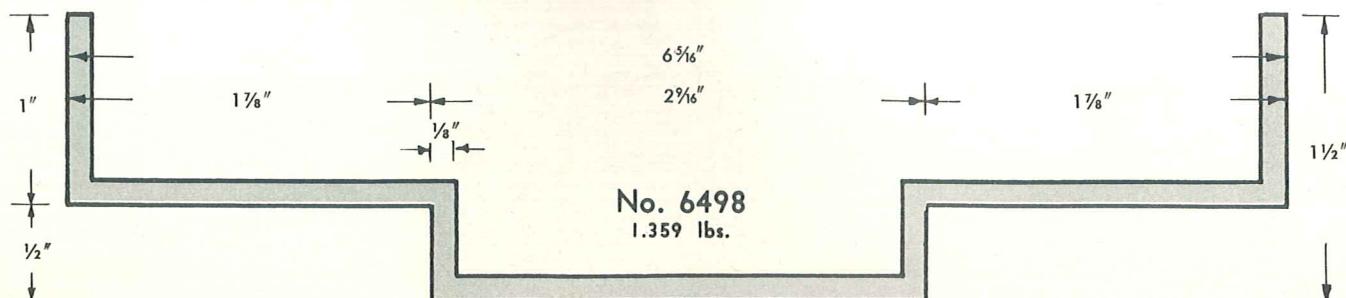
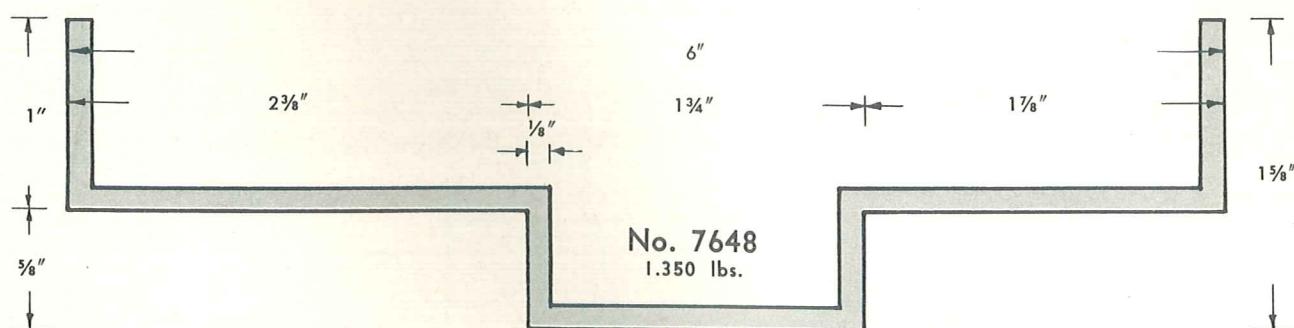
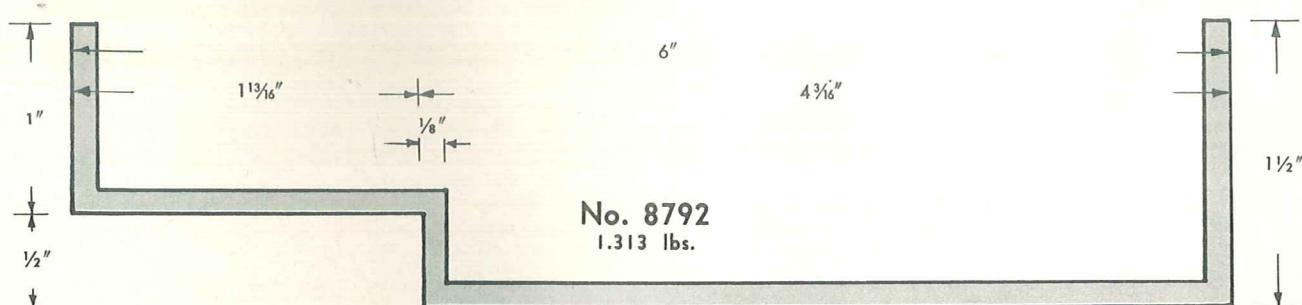
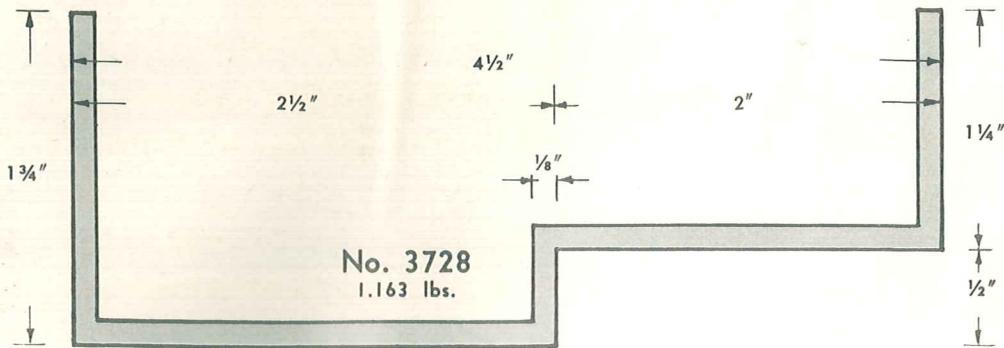
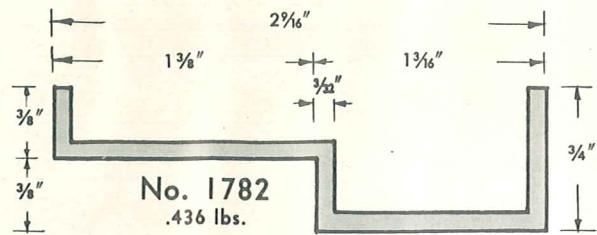
Note that the Door Stop is an integral part of the Buck.

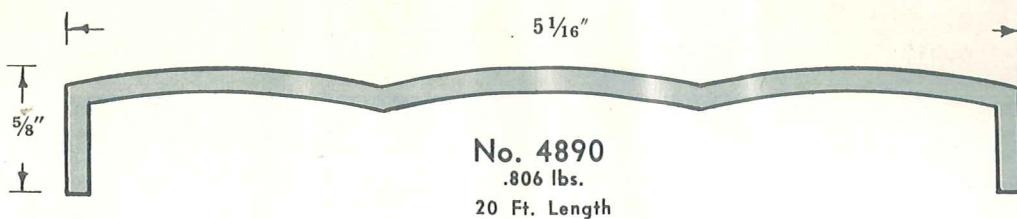
ALUMINUM MOULDINGS

DOOR FRAME SECTIONS

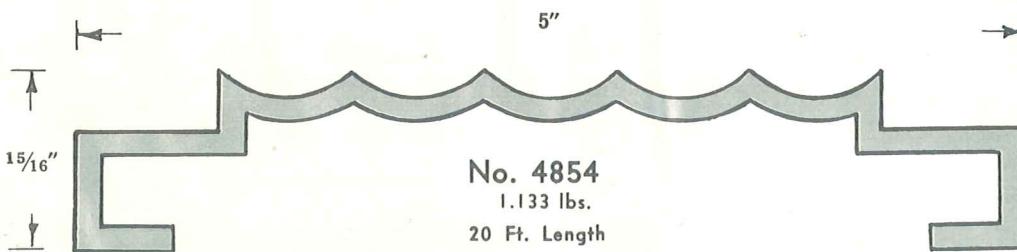
Weights and Measurements Approximate
Illustrations Full Size

Al 63S-T5 Alloy
16 Ft. Length

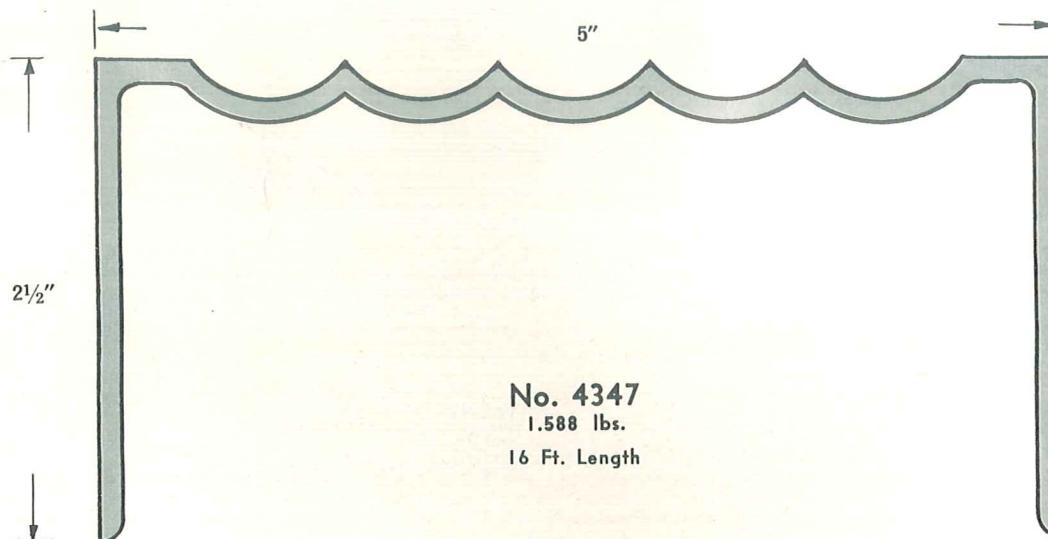




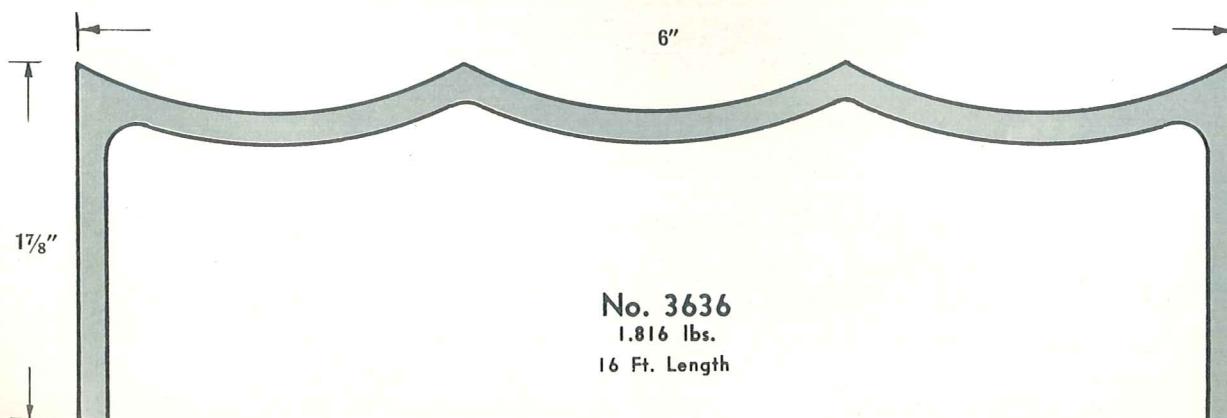
No. 4890
.806 lbs.
20 Ft. Length



No. 4854
1.133 lbs.
20 Ft. Length



No. 4347
1.588 lbs.
16 Ft. Length

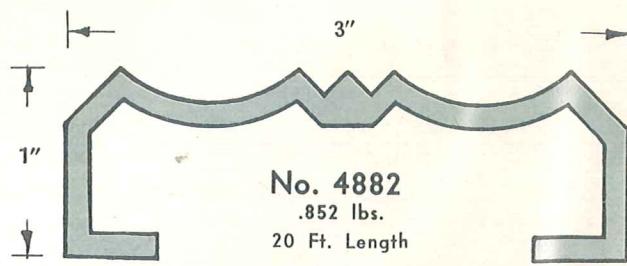


No. 3636
1.816 lbs.
16 Ft. Length

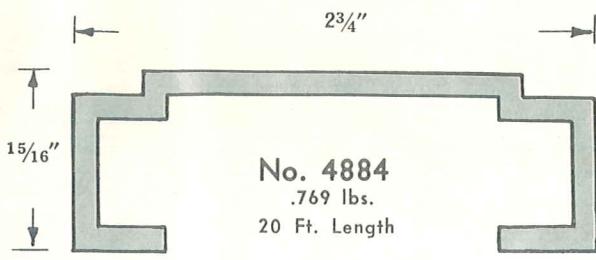
All 63S-T5 Alloy

ALUMINUM MOULDINGS

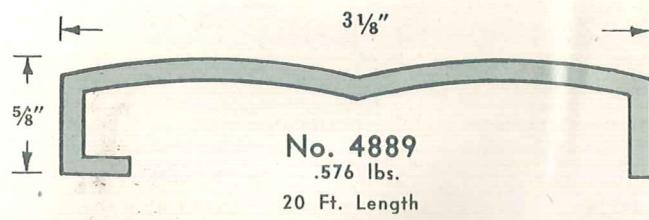
PILASTER SECTIONS

Weights and Measurements Approximate
Illustrations Full Size

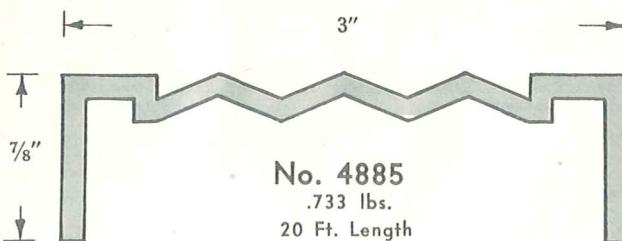
No. 4882
.852 lbs.
20 Ft. Length



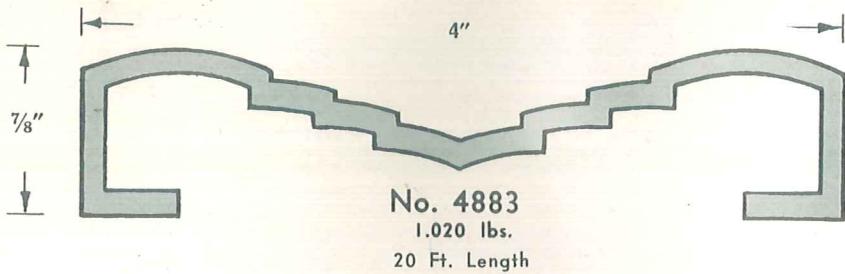
No. 4884
.769 lbs.
20 Ft. Length



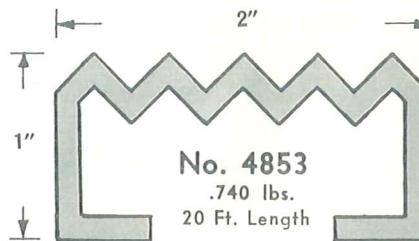
No. 4889
.576 lbs.
20 Ft. Length



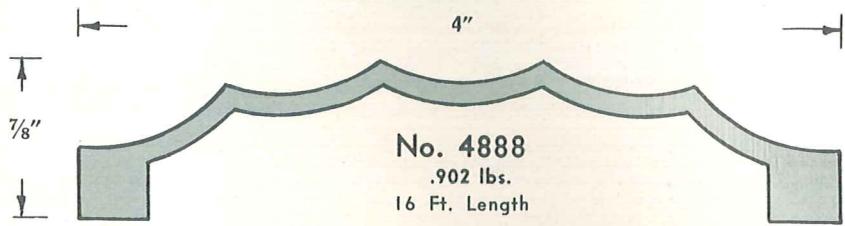
No. 4885
.733 lbs.
20 Ft. Length



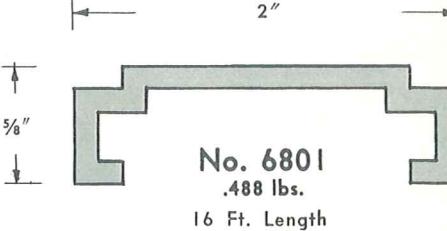
No. 4883
1.020 lbs.
20 Ft. Length



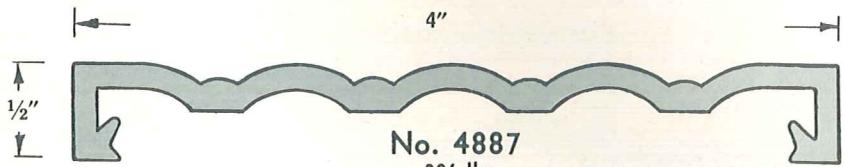
No. 4853
.740 lbs.
20 Ft. Length



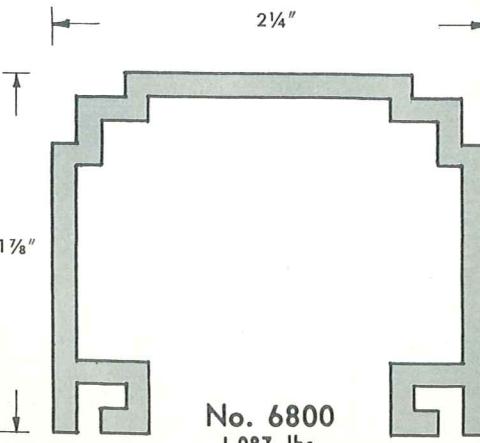
No. 4888
.902 lbs.
16 Ft. Length



No. 6801
.488 lbs.
16 Ft. Length



No. 4887
.806 lbs.
16 Ft. Length



No. 6800
1.087 lbs.
16 Ft. Length

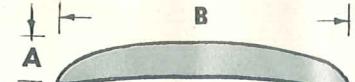
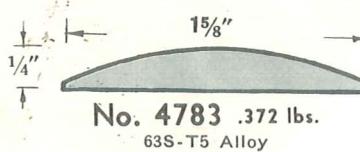
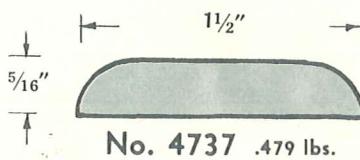
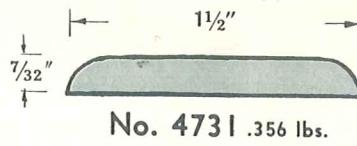
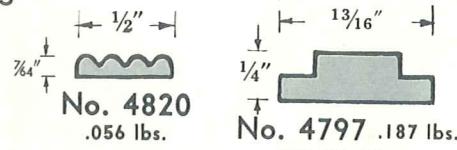
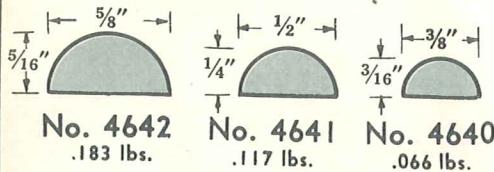
No. 4859
1.062 lbs.
20 Ft. Length

ALUMINUM MOULDINGS

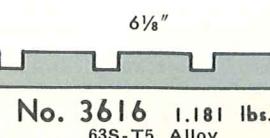
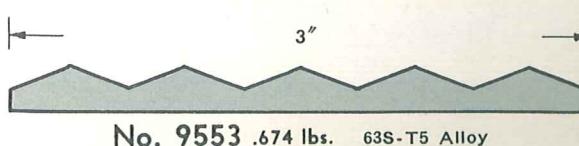
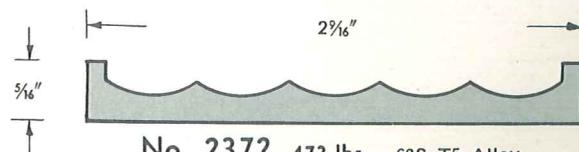
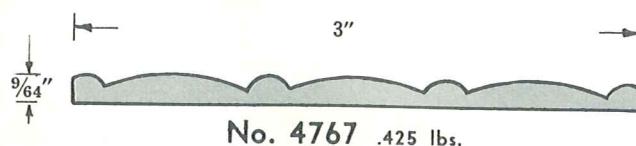
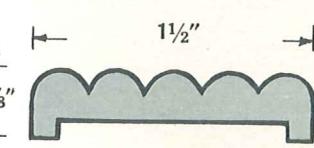
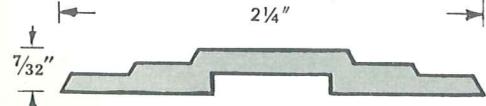
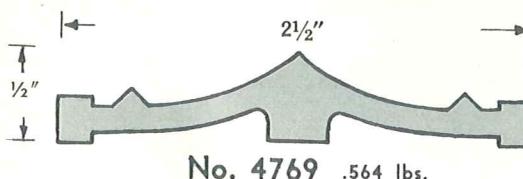
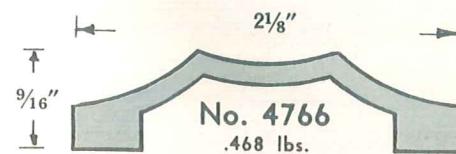
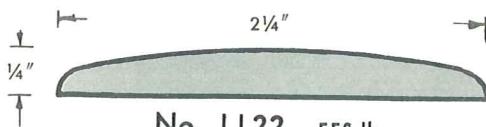
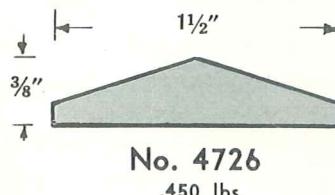
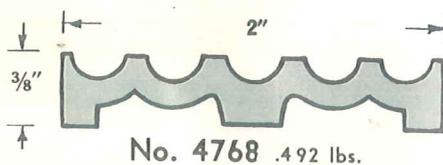
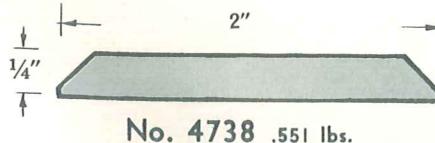
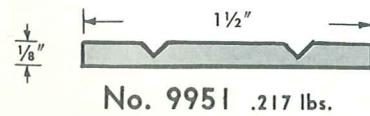
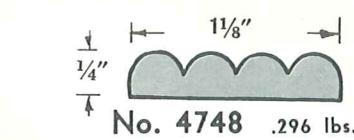
ASTRAGALS and FACINGS

63S-T42 Alloy
Unless Noted Otherwise

16 Ft. Length



Section Number	Height A	Width B	Est. Wgt. Per Ft.
4645	3/16"	1/2"	.086 lbs.
4646	3/16"	5/8"	.107 lbs.
4647	3/16"	3/4"	.128 lbs.
4661	3/16"	1"	.152 lbs.
4660	7/32"	1 1/8"	.212 lbs.
4674	1/4"	3/4"	.170 lbs.
4669	1/4"	7/8"	.192 lbs.
4658	1/4"	1"	.228 lbs.
4659	1/4"	1 1/4"	.257 lbs.
4662	1/4"	1 1/2"	.301 lbs.
4676	1/4"	2"	.418 lbs.



Weights and Measurements Approximate

J.G. Braun Company

Chicago

New York

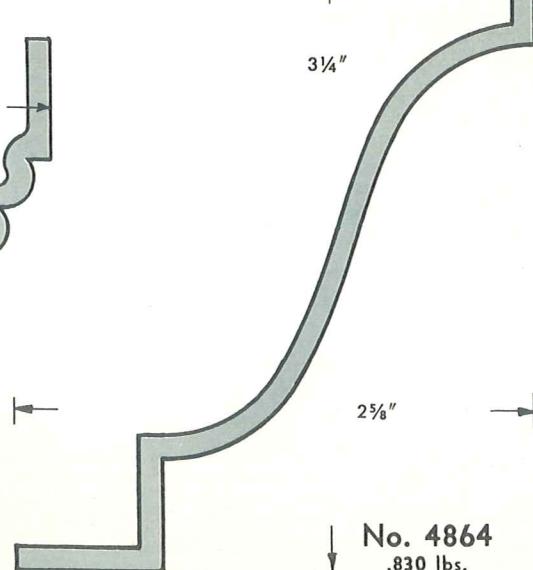
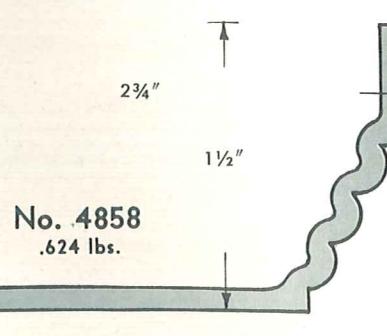
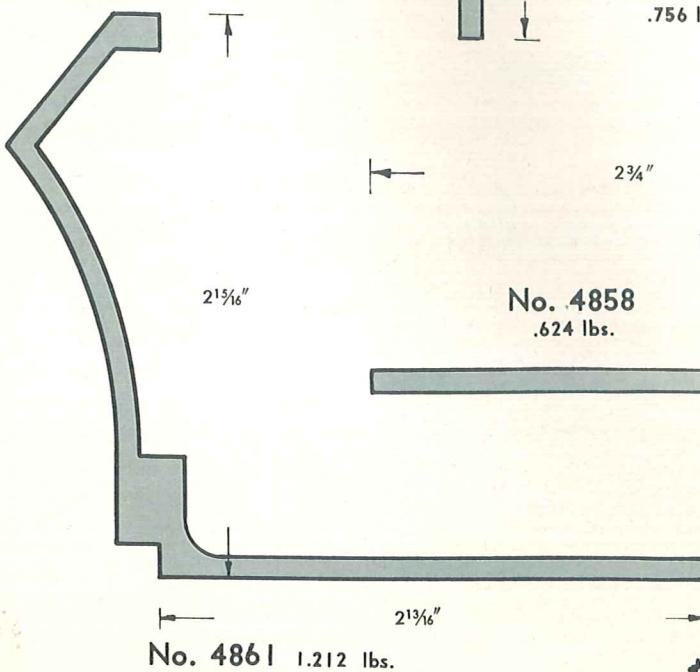
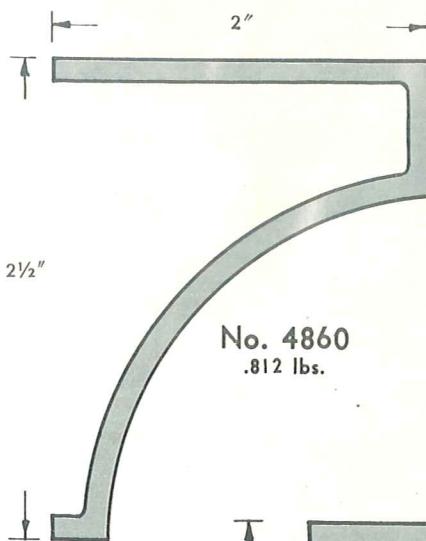
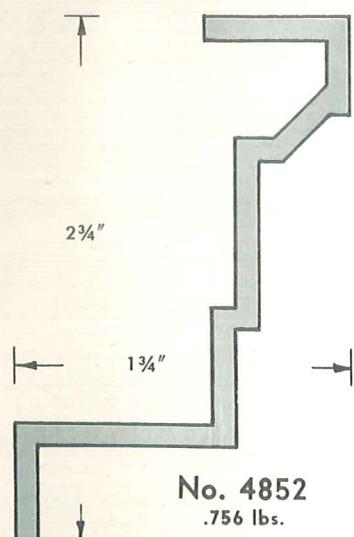
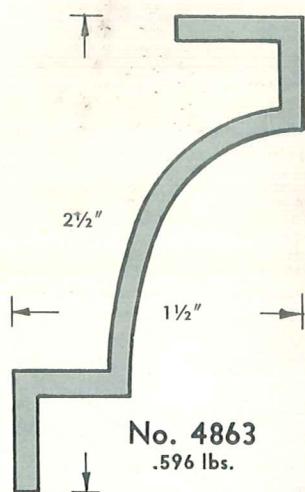
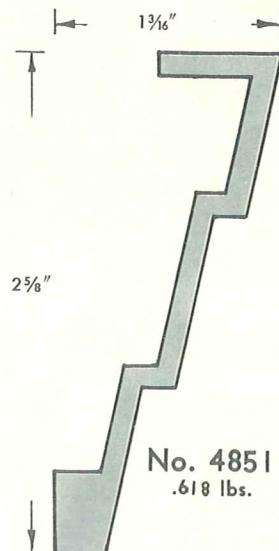
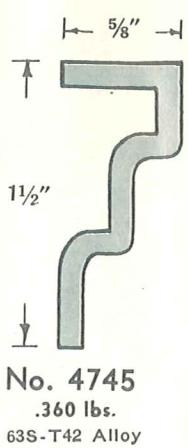
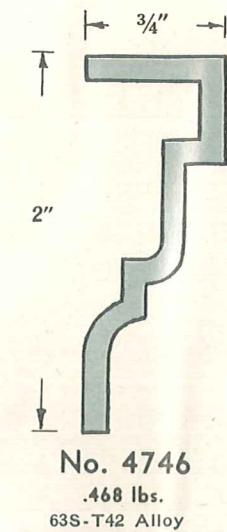
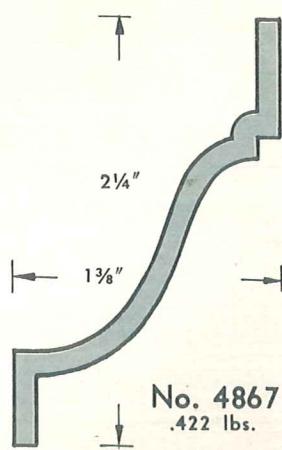
Illustrations Full Size

ALUMINUM MOULDINGS

CORNICE MOULDINGS

63S-T5 Alloy Unless Noted Otherwise
All 16 Ft. Length

Weights and Measurements Approximate
Illustrations Full Size



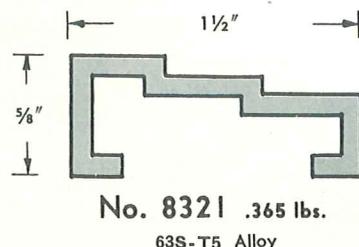
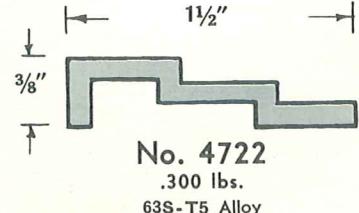
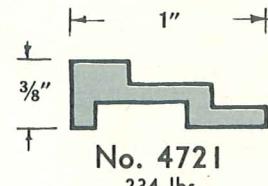
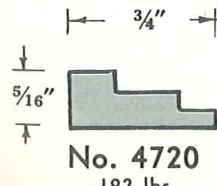
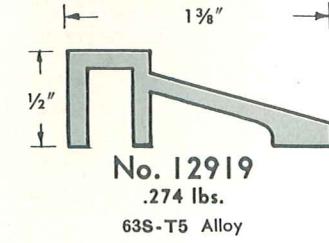
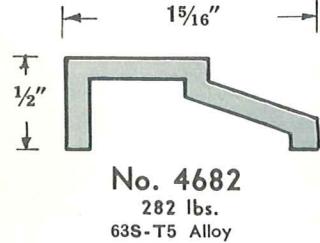
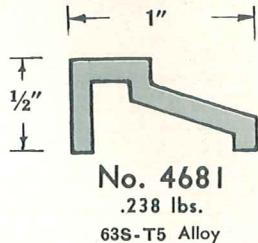
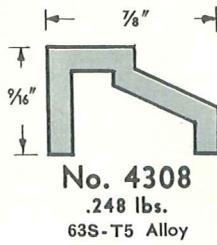
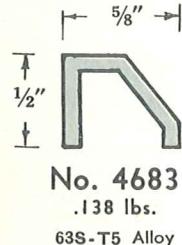
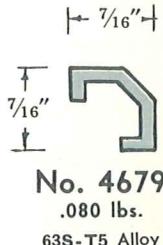
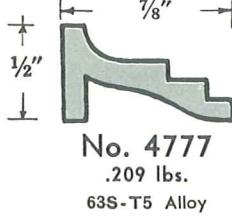
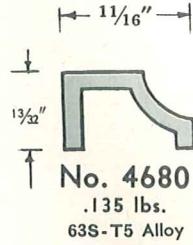
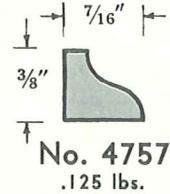
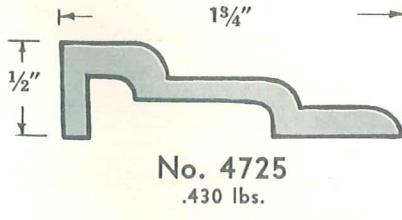
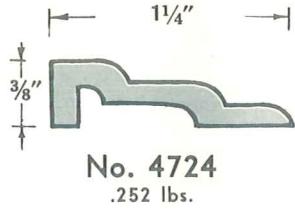
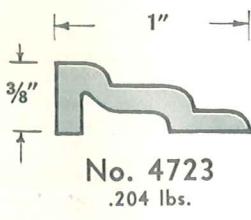
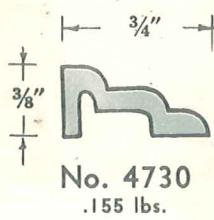
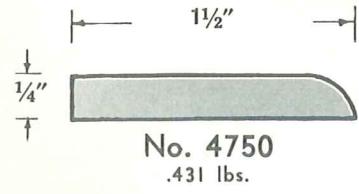
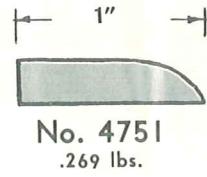
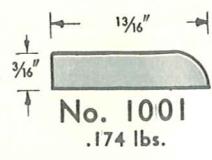
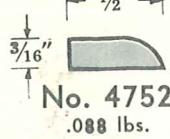
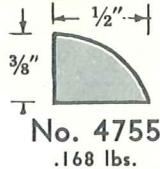
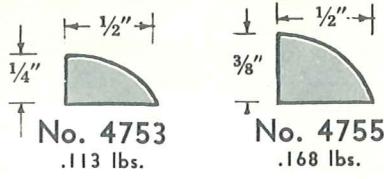
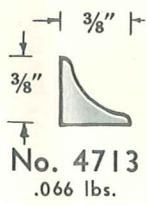
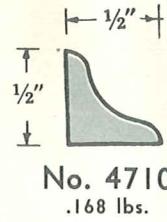
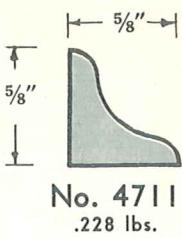
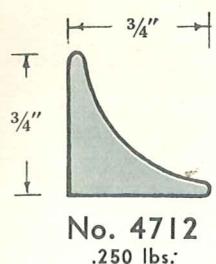
ALUMINUM MOULDINGS

63S-T42 Alloy Unless Noted Otherwise
16 Ft. Length

COVE and PANEL MOULDINGS

GLASS STOP SECTIONS

Weights and Measurements Approximate
Illustrations Full Size



J.G. Braun Company

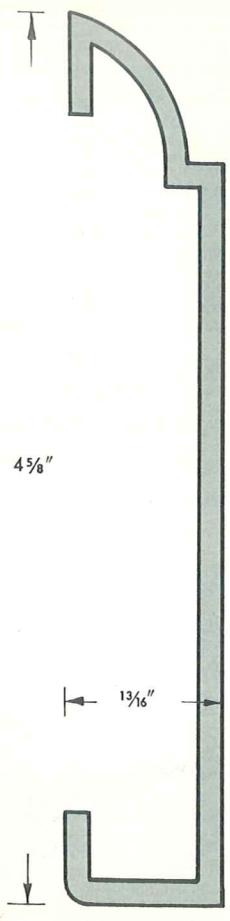
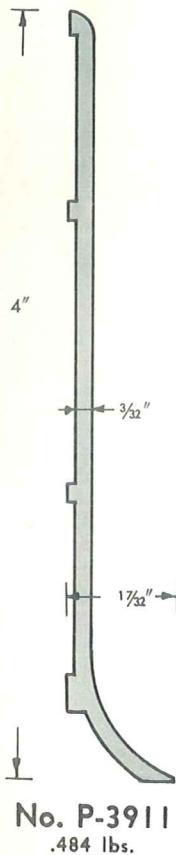
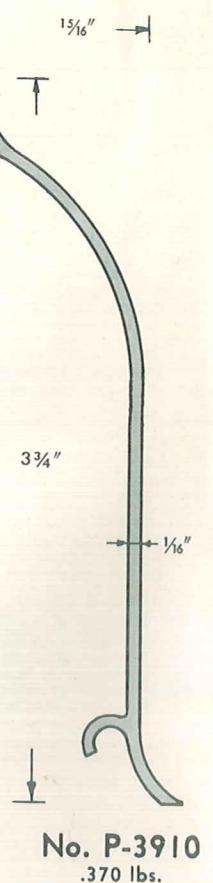
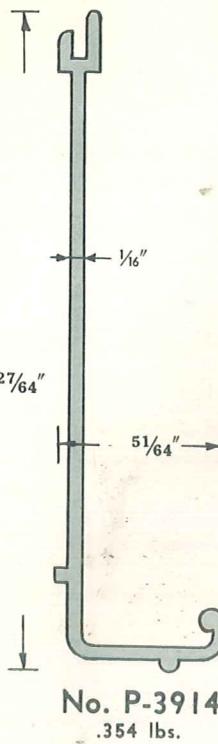
Chicago

New York

63S-T42 Alloy Unless Noted Otherwise
16 Ft. Length Unless Noted Otherwise

BASE MOULDINGS

Weights and Measurements Approximate
Illustrations Full Size



No. P-4694A
.207 lbs.
10 Ft. Lgth.

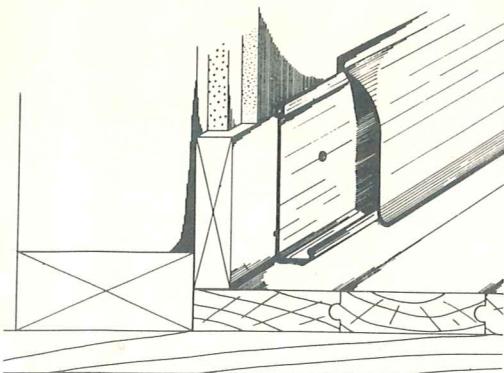


ILLUSTRATION SHOWING ASSEMBLY OF
No. P-3914 AND No. P-3910 MOULDINGS

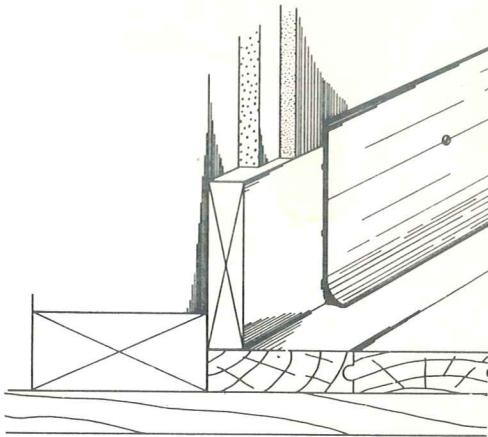


ILLUSTRATION SHOWING FASTENING OF
No. P-3911 MOULDING TO BASE

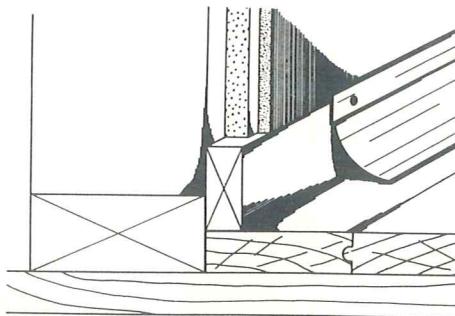
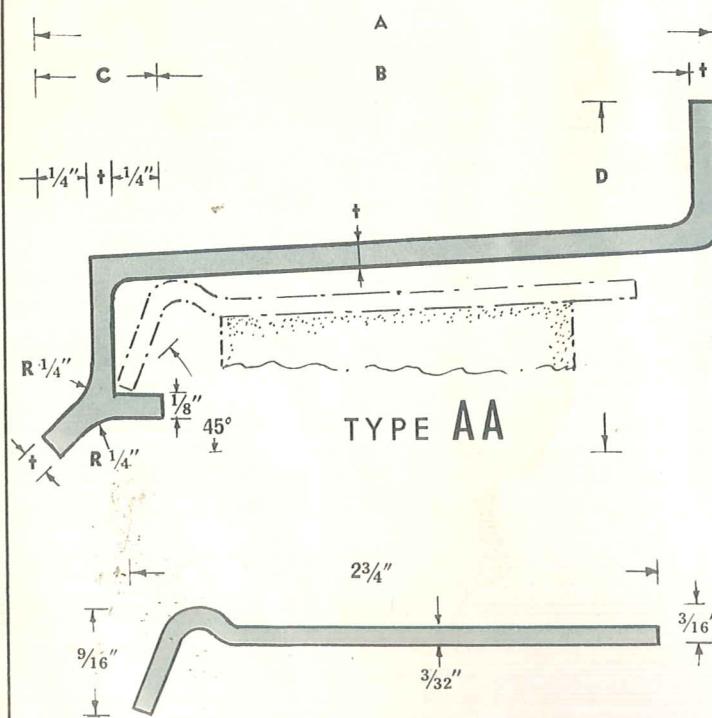


ILLUSTRATION SHOWING FASTENING OF
No. P-4694 MOULDING TO BASE

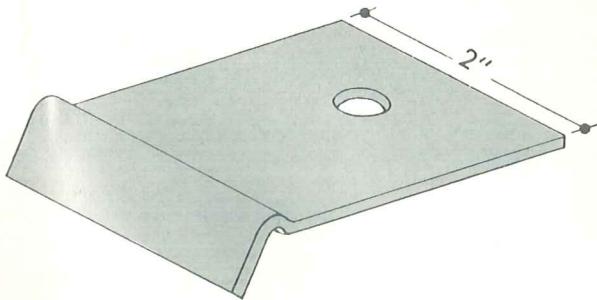
ALUMINUM WINDOW SILLS

Al 63S-T42 Alloy



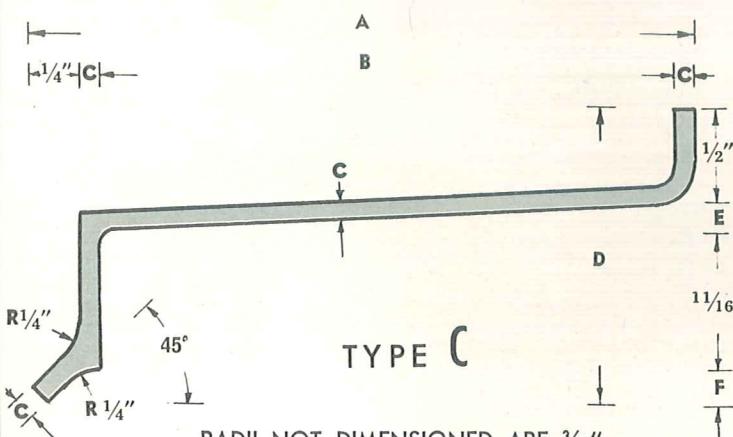
Shape number	A	B	C	D	E	F	t	Weight per foot	Length
*54684	3 1/2"	2 3/4"	5/8"	1 13/16"	3/16"	3/16"	1/8"	.767	20'
*54685	4"	3 1/4"	5/8"	1 27/32"	7/32"	3/16"	1/8"	.842	20'
*54686	4 1/2"	3 3/4"	5/8"	1 7/8"	1/4"	3/16"	1/8"	.919	20'
*54687	5"	4 1/4"	5/8"	1 29/32"	7/32"	3/16"	1/8"	.994	20'
*54688	5 1/2"	4 3/4"	5/8"	1 15/16"	5/16"	3/16"	1/8"	1.067	20'
*54689	6"	5 1/4"	5/8"	1 13/32"	1 1/2"	3/16"	1/8"	1.141	20'
*54690	6 1/2"	5 3/4"	5/8"	2"	3/8"	3/16"	5/32"	1.529	20'
*54691	7 1/2"	6 1/4"	5/8"	2 1/16"	7/16"	3/16"	5/32"	1.716	20'
*54692	8 1/8"	7 1/4"	1 1/16"	2 5/32"	1 5/32"	1/4"	3/16"	2.189	20'
*54693	9 1/8"	8 1/4"	1 1/16"	2 7/32"	1 7/32"	1/4"	3/16"	2.414	20'

RADII NOT DIMENSIONED ARE 3/32"

**ANCHOR CLIP**

No. SA-100

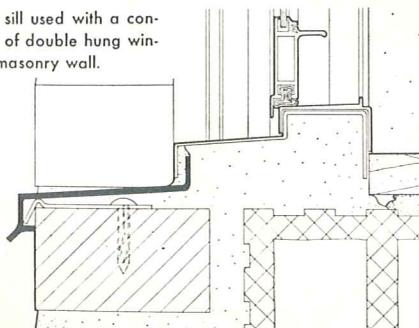
Attach with 2" cadmium plated masonry nails



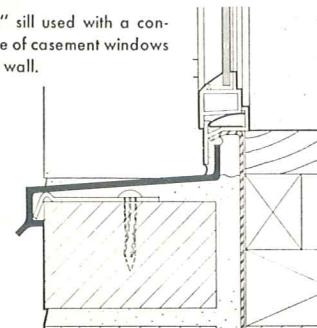
Shape Number	A	B	C	D	E	F	Weight Per Foot	Length
*37734	37/16"	3"	3/32"	19/16"	3/16"	3/16"	.524	20'
*37735	31 5/16"	3 1/2"	3/32"	11 9/32"	7/32"	3/16"	.574	20'
*37736	47/16"	4"	3/32"	15/8"	1/4"	3/16"	.636	20'
*37737	41 5/16"	4 1/2"	3/32"	12 1/32"	9/32"	3/16"	.691	20'
*3686	42 9/32"	4 1/2"	3/32"	19/16"	9/32"	5/32"	.678	21'
*37738	57/16"	5"	3/32"	11 1/16"	5/16"	3/16"	.746	20'
*3687	51 3/32"	5"	3/32"	11 9/32"	5/16"	5/32"	.734	21'
*37739	51 5/16"	5 1/2"	3/32"	12 3/32"	11/32"	3/16"	.804	20'
*3685	52 9/32"	5 1/2"	3/32"	15/8"	11/32"	5/32"	.791	21'
*37740	6 1/2"	6"	1/8"	13/4"	3/8"	3/16"	1.147	20'
*37745	9 1/16"	8 1/2"	5/32"	13 1/32"	17/32"	1/4"	1.903	20'
*8029	10 3/8"	9 1/16"		19/16"	3/16"	3/16"	2.719	20'

RADII NOT DIMENSIONED ARE 3/32"

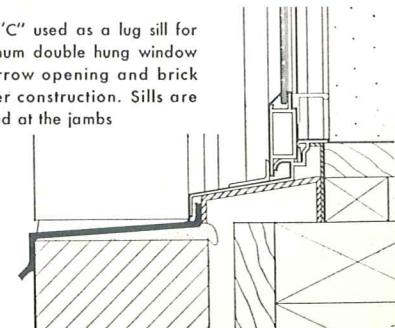
TYPE "AA" sill used with a continuous line of double hung windows in a masonry wall.



TYPE "AA" sill used with a continuous line of casement windows in a brick wall.



TYPE "C" used as a lug sill for aluminum double hung window in narrow opening and brick veneer construction. Sills are caulked at the jambs

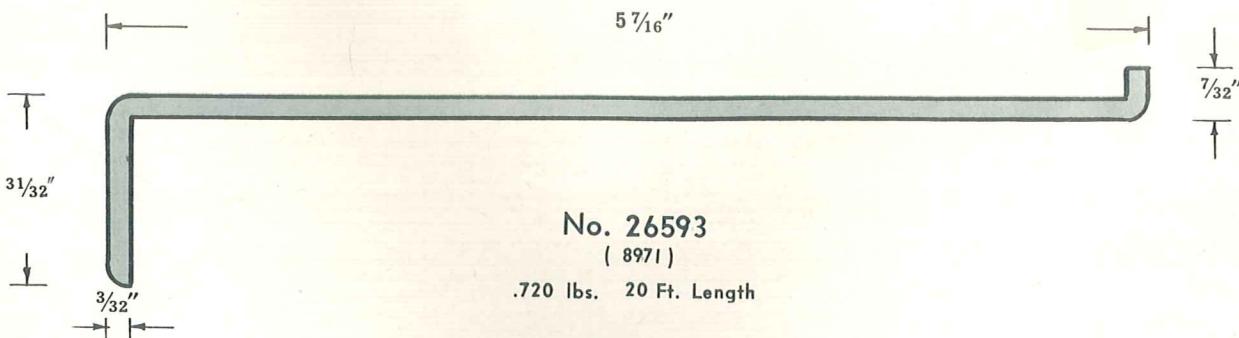
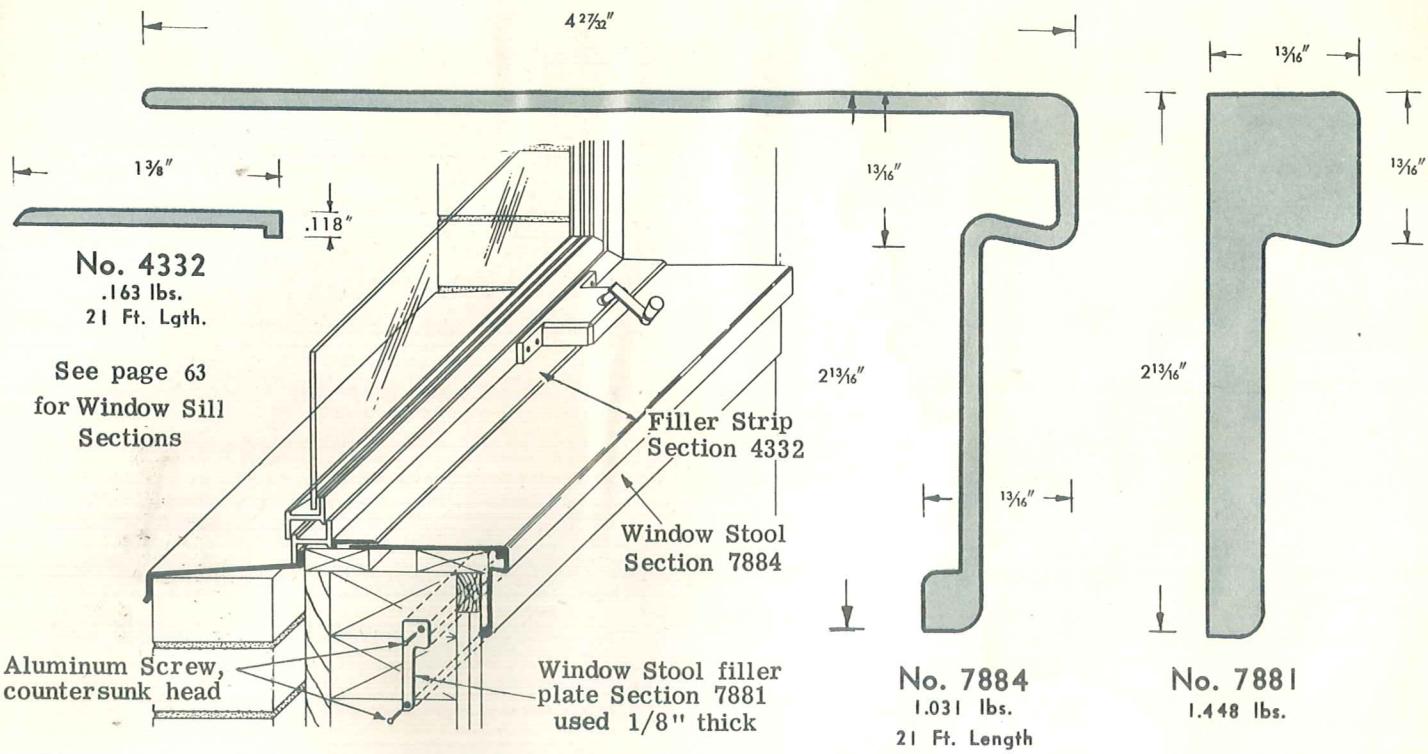

J.G. Braun Company

Chicago

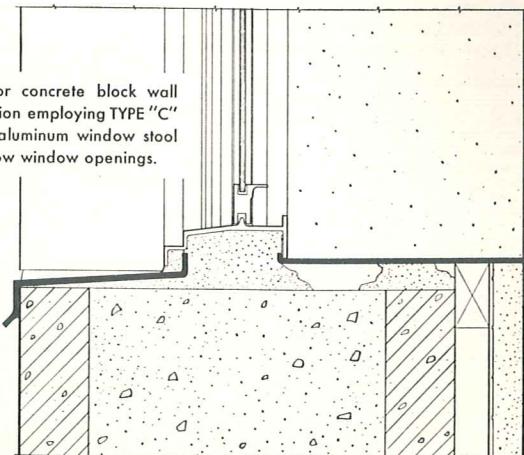
New York

ALUMINUM WINDOW STOOLS AND FILLER PLATES

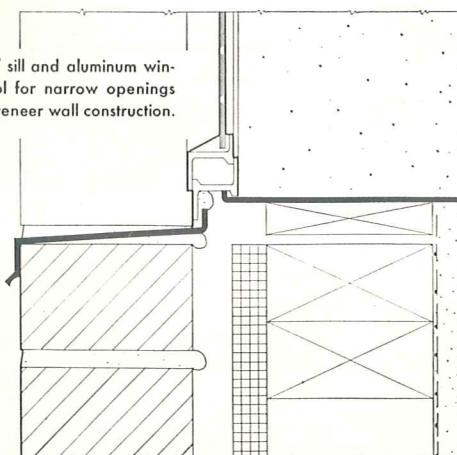
Al 63S-T42 Alloy



Cinder or concrete block wall construction employing TYPE "C" sill and aluminum window stool for narrow window openings.



TYPE "C" sill and aluminum window stool for narrow openings in brick veneer wall construction.



ALUMINUM FASTENINGS

SCREWS — RIVETS — BOLTS — NUTS

As our stocks are constantly being enlarged we solicit your inquiries for Aluminum Screws and Rivets not shown in this catalog.

"J"—Jackson Head "F"—Flat Head "R"—Round Head "O"—Oval Head

"ALCOA" 24S-T4 ALUMINUM MACHINE SCREWS

BRIGHT FINISH NATIONAL COARSE THREADS—CLASS 2—FREE FIT

Length	4-40	6-32	8-32	10-24	10-32	1/4"-20	5/16"-18	3/8"-16
1/4"	FR	FRJ	FRJ	R	FRJ			
5/16"	FR	FRJ	FR	FROJ	FR			
3/8"	FR	FROJ	FROJ	FROJ	FRJ	FRJ		
7/16"			FR					
1/2"	FR	FROJ	FROJ	FROJ	FRJ	FROJ	FR	
5/8"	F	FROJ	FRJ	FR	FRJ	FR		
3/4"	FR	FROJ	FROJ	FROJ	FRJ	FROJ	FR	
7/8"			FJ		FR	FR		
1"	FR	FROJ	FROJ	FROJ	FRJ	FROJ	FR	FR
1 1/4"		J	FROJ	FRJ	FRJ	FRO	FR	FR
1 1/2"		FRO	FRO	FRO	FR	FROJ	FR	FR
1 3/4"			R	R	R	FR		
2"			R	FR	FR	FRO	FR	FR

PHILLIPS RECESSED HEAD MACHINE SCREWS

24S-T4 BRIGHT FINISH

Length	6-32	8-32	10-24	10-32	1/4"-20	5/16"-18	3/8"-16
1/4"	FRO	FRO					
5/16"	FRO	FRO	FR	FR			
3/8"	FRO	FRO	FRO	FR	FR		
7/16"	FR	RO	R	FR			
1/2"	FRO	FRO	FRO	FR	FRO	FR	
5/8"	FRO	FRO	FRO	FR	FRO	FR	
3/4"	FRO	FRO	FRO	FR	FRO	FR	
7/8"	FR	FR	FR	FR	FR	R	F
1"	FRO	FRO	FRO	FR	FRO	FR	
1 1/8"	RO	RO	R	R			
1 1/4"	FR	FRO	FRO	FR	FRO	FR	
1 1/2"		FR	FRO	FR	FRO	FR	
1 3/4"			FR	FR	FR	R	
2"			FR	FR	FR	FR	F

"ALCOA" ALUMINUM MACHINE BOLTS

HEXAGON HEAD 24S-T MACHINE FINISH—NOT WASHER FACED

Length	1/4"-20	5/16"-18	3/8"-16	1/2"-13	5/8"-11
3/4"	X	X			
1"	X	X	X	X	X
1 1/4"	X	X	X	X	X
1 1/2"	X	X	X	X	X
1 3/4"	X	X	X	X	X
2"	X	X	X	X	X
2 1/4"	X	X	X	X	X
2 1/2"	X	X	X	X	X
2 3/4"	X	X	X	X	X
3"	X	X	X	X	X
3 1/4"	X	X	X	X	X
3 1/2"	X	X	X	X	X
3 3/4"	X	X	X	X	X
4"	X	X	X	X	X

"ALCOA" 24S-T4 ALUMINUM WOOD SCREWS

BRIGHT FINISH—AMERICAN NATIONAL STANDARD

Length	#6	#8	#10	#12	#14
..1/2"	FRO	O			
5/8"	FRO				
3/4"	FRO	FRO	FR		
1"	FRO	FRO	FRO	FR	
1 1/4"	FRO	FRO		FRO	FRO
1 1/2"	O	FRO	FRO	FRO	FRO
1 3/4"					FR
2"			FRO	FRO	FRO

PHILLIPS RECESSED HEAD WOOD SCREWS

24S-T4 BRIGHT FINISH

Length	#4	#5	#6	#7	#8	#9	#10	#12	#14
3/8"	FR								
1/2"	FRO	O	FRO	R	FR				
5/8"	FRO	O	FRO		FRO				
3/4"	FRO	FRO	FRO	FR	FRO	R	FR		
7/8"		F	FRO		FRO		FR		
1"	O	FRO	FRO	FRO	FRO	F	FRO	FR	
1 1/4"			FRO	RO	FRO	F	FRO	FR	F
1 1/2"				F	FRO	FR	FRO	FR	F
1 3/4"					FR		FR	FR	F
2"					FRO		FRO	FR	FR
2 1/2"								FR	FR
3"									F

HEXAGON 24S-T MACHINE SCREW NUTS

4-40	6-32	8-32	10-24	10-32	1/4"-20	5/16"-18	3/8"-16
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HEXAGON 24S-T BOLT NUTS

1/4"-20	5/16"-18	3/8"-16	1/2"-13	5/8"-11
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RIVETS

ROUND HEAD

Diameter	Length									
	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"
1/16"	X	X	X	X	X					
3/32"	X	X	X	X	X					
1/8"		X	X	X	X	X	X	X	X	X
5/32"		X	X	X	X	X	X	X	X	X
3/16"			X	X	X	X	X	X	X	X
1/4"					X	X	X	X	X	X

FLAT COUNTERSUNK HEAD

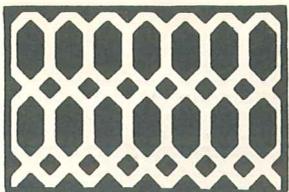
Dia.	Length							
	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	
1/8"	X	X	X	X	X	X		
3/16"		X	X	X	X	X		
1/4"	X	X	X	X	X	X		

FLAT HEAD

Dia.	Length							
	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	
1/8"	X	X	X	X	X	X	X	
5/32"	X	X	X	X	X	X		
3/16"		X	X	X	X	X		
1/4"	X	X	X	X	X	X		

PERFORATED STEEL SHEETS

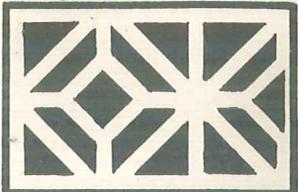
For Radiator Covers, Registers, Grills, Fire and Window Screens, Furniture, Cabinets, Display Fixtures, Flower Stands, Toys, etc.



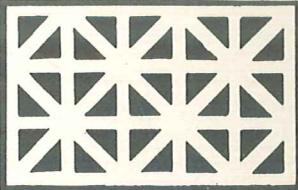
P 2053.....56% open



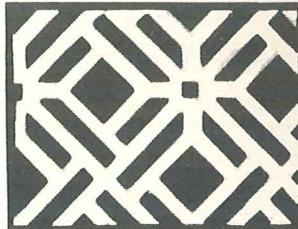
P 2093.....40% open



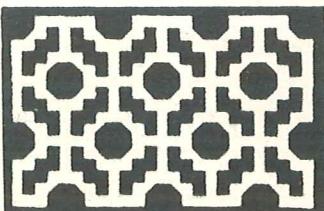
P 2099.....34% open



P 2091.....35% open



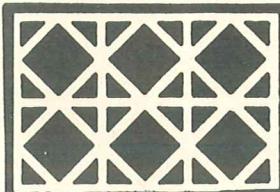
P 2025.....35% open



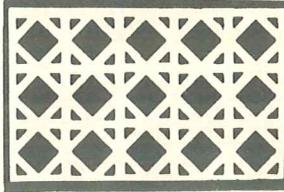
P 209650% open

PERFORATED STEEL SHEETS

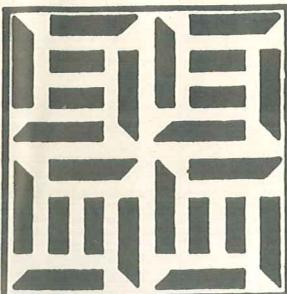
are available in 22 Ga. and 20 Ga. C. R. Steel,
and sheets measuring 36" x 120".



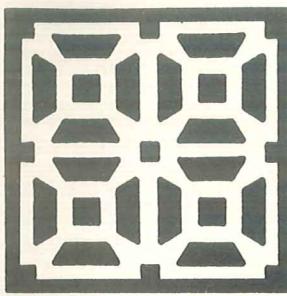
P 2055.....55% open



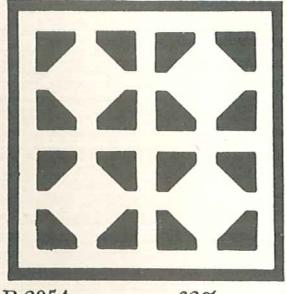
P 2094.....44% open



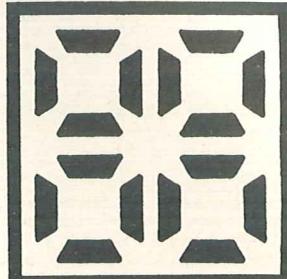
P 2051.....38% open



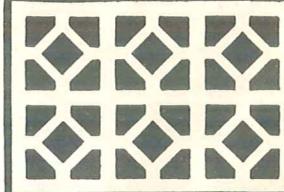
P 2052.....43% open



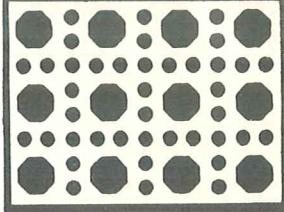
P 2054.....32% open



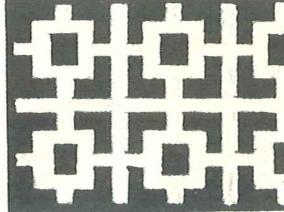
P 2050.....33% open



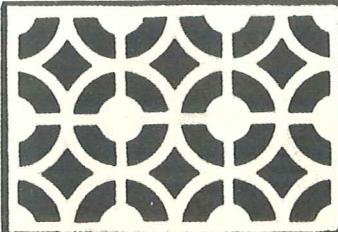
P 2056.....43% open



P 2095.....33% open



P 2097.....48% open



P 2098.....47% open

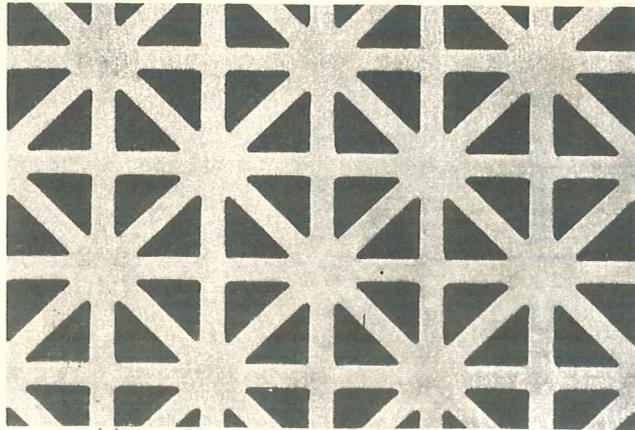
Illustrations are not full size.

PERFORATED ALUMINUM SHEETS

67

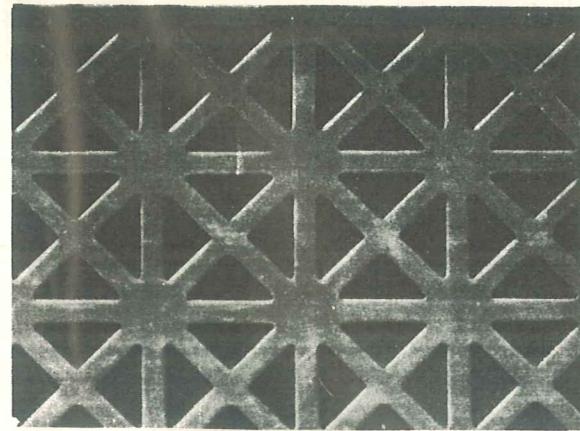
Sheet Sizes 36"x 96"

When Ordering Specify:
ALUMINUM SHEETS



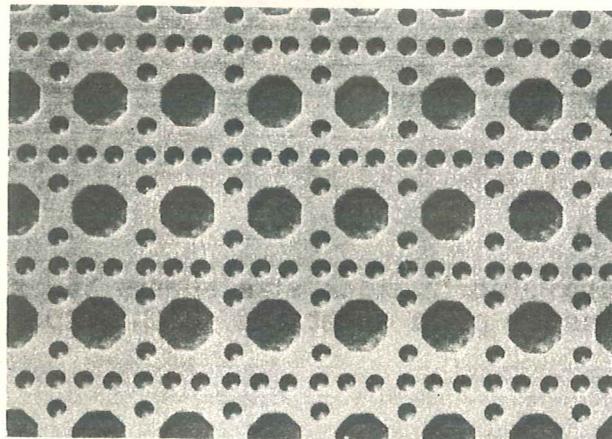
Union Jack - 43% Open

No. 2091
Plain
.032" thick



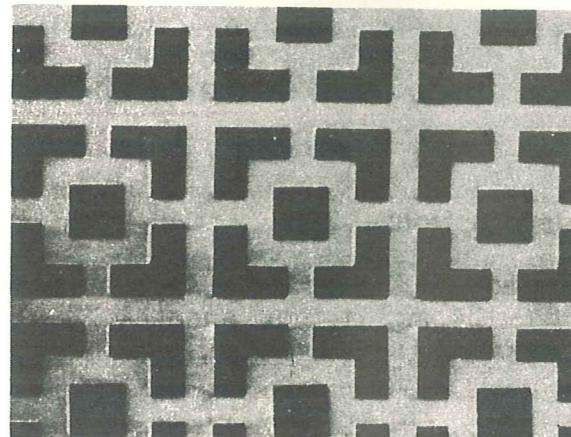
Largex - 44% Open

No. 2091 A
Plain
.032" thick



Cane Design - 36% Open

No. 2095 Plain Finish .032" thick
No. 2095 Plain Finish .040" thick
No. 2095 E Stucco Embossed .040" th-



A-1 Design - 45% Open

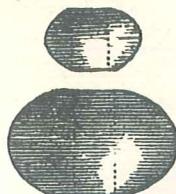
No. 2097
Plain
.032" thick

IRON BALLS and RIVETS

When Ordering, Specify Number, Sizes, etc., to Identify Articles Wanted.

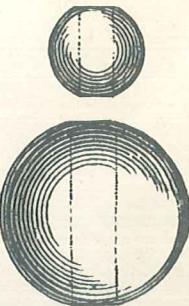
SOLID BALLS

OVAL



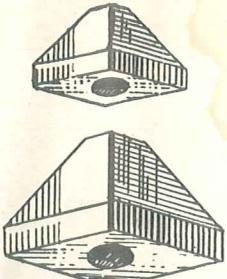
- No. 107 $\frac{1}{2}'' \times \frac{5}{16}''$
 No. 109 $\frac{3}{4}'' \times \frac{15}{16}''$
 No. 110 $\frac{7}{8}'' \times \frac{9}{16}''$
 No. 111 $1'' \times \frac{5}{8}''$

ROUND



- No. 42 $\frac{1}{4}''$ Diam.
 No. 41 $\frac{1}{6}''$ Diam.
 No. 5 $\frac{3}{8}''$ Diam.
 No. 4 $\frac{1}{2}''$ Diam.
 No. 2 $\frac{3}{4}''$ Diam.
 No. 1 $\frac{5}{8}''$ Diam.
 No. 1/0 $1''$ Diam.
 No. 3/0 $1\frac{1}{4}''$ Diam.
 No. 5/0 $1\frac{1}{2}''$ Diam.

SQUARE

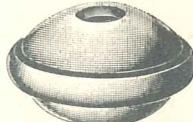


- No. 21 $\frac{3}{8}''$ across flats
 No. 19 $\frac{5}{8}''$ across flats
 No. 18 $\frac{3}{4}''$ across flats

HOLLOW STEEL BALLS

Made of Sheet Metal $\frac{1}{16}''$ to $\frac{1}{8}''$ thick.
 Light, strong and durable.
 Easily applied.

BEADED OVAL



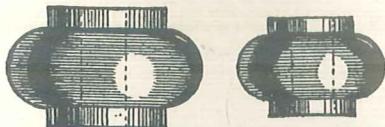
- | | | | |
|--------|--|--------|---------------------------------------|
| No. 60 | $\frac{7}{8}'' \times \frac{15}{16}''$ | No. 64 | $1\frac{3}{8}'' \times \frac{3}{4}''$ |
| No. 61 | $1'' \times \frac{15}{16}''$ | No. 65 | $1\frac{1}{2}'' \times 1''$ |
| No. 62 | $1\frac{1}{16}'' \times 1\frac{1}{2}''$ | No. 66 | $1\frac{3}{4}'' \times 1''$ |
| No. 63 | $1\frac{3}{16}'' \times \frac{15}{16}''$ | No. 67 | $2'' \times 1\frac{5}{16}''$ |

HALF ROUND



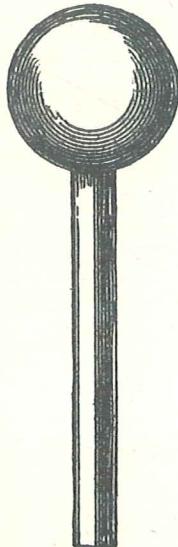
- No. 16 $\frac{1}{8}''$.
 No. 15 $\frac{1}{2}''$.

SHOULDER BALLS



- No. 70 $1'' \times \frac{5}{8}''$
 No. 71 $\frac{3}{4}'' \times \frac{1}{2}''$

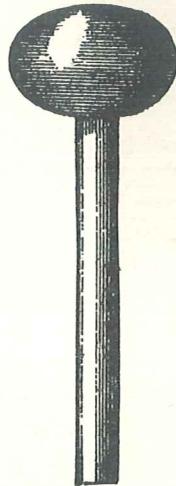
ROUND



- No. 42 $\frac{1}{4}''$ Diam.
 No. 41 $\frac{1}{6}''$ Diam.
 No. 5 $\frac{3}{8}''$ Diam.
 No. 1 $\frac{5}{8}''$ Diam.
 No. 2/0 $1\frac{1}{8}''$ Diam.

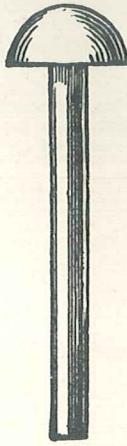
BALL RIVETS

OVAL



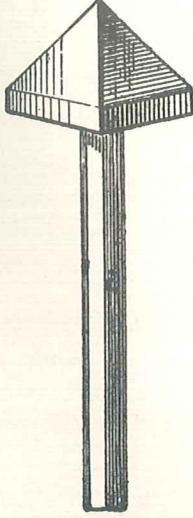
- No. 106 $\frac{3}{8}'' \times \frac{1}{4}''$
 No. 107 $\frac{1}{2}'' \times \frac{5}{16}''$
 No. 108 $\frac{5}{8}'' \times \frac{7}{16}''$
 No. 109 $\frac{3}{4}'' \times \frac{15}{16}''$

HALF ROUND



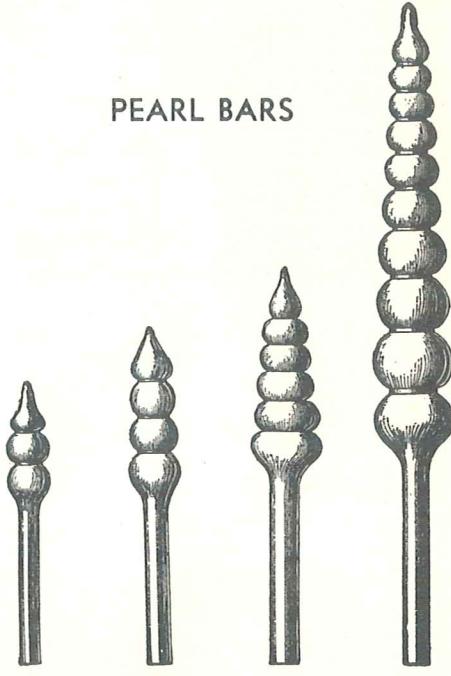
- No. 15 $\frac{1}{2}''$
 No. 14 $\frac{9}{16}''$
 No. 13 $\frac{5}{8}''$

SQUARE



- No. 21 $\frac{3}{8}''$ across flats
 No. 19 $\frac{5}{8}''$ across flats
 No. 18 $\frac{3}{4}''$ across flats

PEARL BARS



- No. 1 No. 2 No. 3 No. 4

Illustrations $\frac{1}{2}$ actual size.

J.G. Braun & Company

Chicago

New York

SUNDRIES

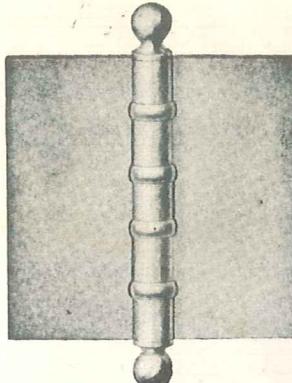
NOTE: When Ordering, Specify Number if given or Other Data Necessary to Identify Articles Wanted.



BRONZE HANDLE

TYPE C

Furnished with
Knob and Spindle



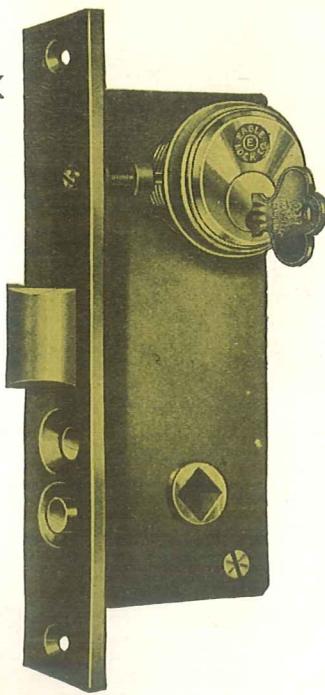
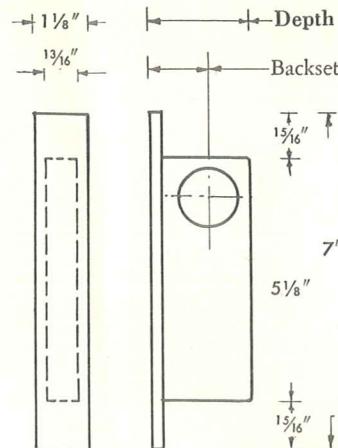
**BALL BEARING
STEEL HINGES**

In stock

6"x5"

6"x6"

BRONZE VESTIBULE DOOR LOCK



Backset	Depth
1 1/16"	1 7/8"
1 1/16"	2 5/8"

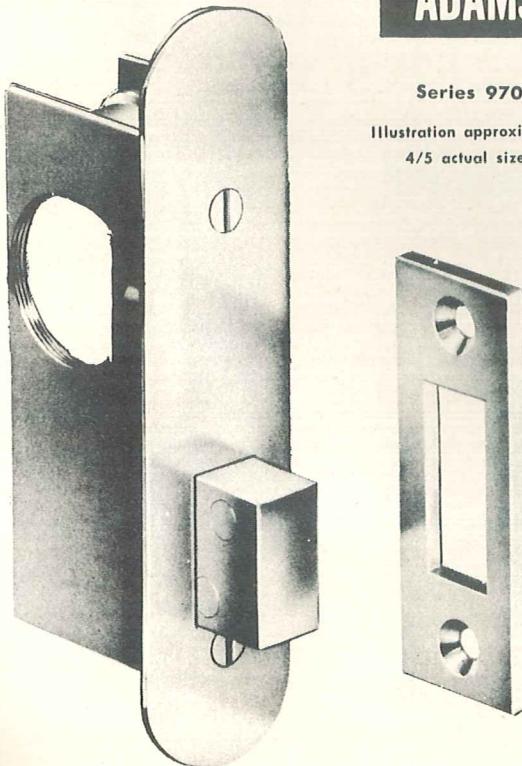
Available in Latch Lock, Latch
and Bolt Lock or Bolt Lock.—
1 1/16" and 1 9/16" Backset.

Please specify Type and Size.
Cylinders also available.

ADAMS-RITE MINIMUM BACKSET DEADLOCKS

Series 970

Illustration approximately
4/5 actual size.



Adams-Rite Deadlocks can be used on doors having the narrowest extruded aluminum, rolled steel and wood stiles.

Series 970 Deadlocks provide for standard 1 1/8" diameter cylinders. The 970 Lock has a 13/16" minimum backset with over-all depth of 17/16". The 971 Lock has a 7/8" minimum backset with 1 1/2" depth.

Operation. Turn key approximately one-half turn to lock or unlock; return to center to retract key. Key does not make full revolution.

Construction. Rugged steel throughout; rustproofed. Case is skeleton type 1" wide x 3 9/16" high with mounting face 1 1/8" wide x 5" high to which bronze face plate is screwed.

Series	Face Plate	For Cylinder	Backset	Depth
970	Flat	1 1/8" Diameter (not furnished)	13/16"	1 7/16"
971	Rounded 2 5/8" radius	7/8"	1 1/2"	1 1/2"

METAL LETTERS

*Architecturally designed
for*

MODERN SIGNS ON BUILDINGS • STORE FRONTS and INTERIORS

RAISED LETTERS

ALUMILITED • ALUMINUM • ENAMELED • STAINLESS • BRONZE

ALL LETTERS ARE MADE TO ORDER — NONE IN STOCK

Cast ALUMINUM, ALUMILITED, ENAMELED OR BRONZE Letters

Height	Average Width	Width of Stroke	Depth or Thickness
GOTHIC STYLE			
3"	2 1/4"	5/16"	5/8"
4"	3 1/8"	7/8"	5/8"
5"	4"	1"	5/8"
6"	4"	3/4"	1/4"
6"	4 1/8"	1 1/16"	5/8"
6"	4 1/2"	1 1/4"	1"
8"	6"	1 1/2"	5/8"
8"	4 1/4"	1 1/4"	2"
9"	6"	1 1/8"	1 1/2"
10"	6"	1 1/4"	1 1/4"
10"	7"	1 1/2"	3/4"
10"	6"	1 1/4"	1 1/4"
12"	9"	2"	5/8"
12"	9"	2 1/2"	1 1/4"
12"	8"	1 1/8"	2"
14"	11"	2 1/2"	1 1/4"
16"	12"	2 1/4"	2 1/8"
16"	12"	2"	3"
18"	13"	3"	1 1/4"
18"	13"	2 1/4"	2 1/4"
20"	15"	2 1/4"	7/8"
20"	16"	3 1/2"	2 1/2"
24"	18"	4"	3"

ROMAN STYLE

BROADWAY STYLE

PRISMATIC STYLE

RIBBON STYLE

Height	Average Width	Width of Stroke	Depth or Thickness
8"	5 1/2"	1" x 5/8"	5/8"
12"	7 1/2"	1 1/4" x 3/4"	5/8"
18"	14"	3 1/4" x 2 3/8"	5/8"
8"	7"	1 1/8" x 5/8"	3/8"
10"	9"	2 3/4" x 1 1/4"	1/4"
12"	10"	2 1/2" x 1"	1/2"
16"	13"	3 1/2" x 2"	1 1/4"
8"	7 1/4"	1 1/8" x 5/8"	5/8"
10"	9"	1 1/8" x 3/4"	5/8"
12"	10 1/2"	1 1/4" x 5/8"	5/8"
6"	4"	1/4"	7/8"
8"	5"	3/8"	1"
9"	6 1/2"	5/8"	1 1/2"
10"	7"	3/8"	1 1/8"
10"	5 1/2"	1/2"	1 3/4"
12"	8"	3/8"	4"
15"	10"	8"	3/8"
16"	12"	8"	1 1/8"
18"	12"	7"	3"

Fabricated STAINLESS STEEL OR BRONZE Letters

Height	Recommended Width	Recommended Stroke	Recommended Depth
Styles: GOTHIC — BROADWAY — KABEL — FUTURA			
6"	4"	1"	2"
8"	6"	1 1/4"	2"
10"	6 1/2"	1 1/4"	2"
12"	8"	1 1/2"	2 1/2"
14"	10"	1 1/2"	2 1/2"
16"	12"	2"	2 1/2"
18"	13"	2"	3"
20"	14"	3"	3"
24"	17"	4"	3"
30"	20"	5"	3"
36"	26"	6"	3"

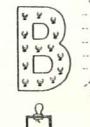
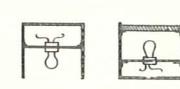
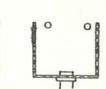
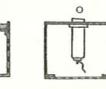
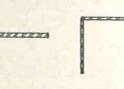
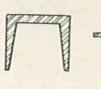
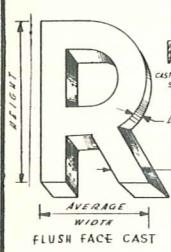
FLAT CUTOUT

Styles: GOTHIC — BROADWAY — KABEL — FUTURA

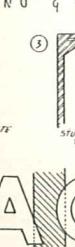
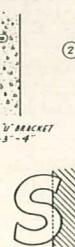
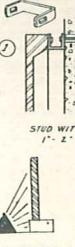
Height	Recommended Width	Recommended Stroke	Recommended Depth
12"	8"	1 1/2"	1/8"
14"	10"	2"	1/8"
16"	12"	2"	1/8"
18"	12"	2 1/2"	1/8"

S P E C I F I C A T I O N S

DETAILS OF LETTER STROKES IN CAST & FABRICATED LETTERS WITH SUGGESTED LIGHTING



MOUNTING & FASTENING DETAILS FOR LETTERS



SPACING

OPTICAL SPACING RECOMMENDED FOR GREATER LEGIBILITY

- The total "open" area on each side of the letter should be approximately equal.
- The space between the letters should be approximately half the average width of the letters.
- Oval letters should be slightly greater in height than other letters.

When ordering specify: Type of material,
style and dimensions of letters desired

J.G. Braun Company

Chicago

New York

COPPER LANTERNS

Good proportions, graceful lines,
and sturdy construction

constructed of heavy gauge solid copper
to give a life-time of service.



No. 36A—All Antique Copper

No. 36B—Black Finish

Cage 6" Square

Length Overall 13"

Extends 8"



No. 280A—All Antique Copper

No. 280B—Black Finish

Cage 10" Square

Height 18 $\frac{1}{2}$ "

With 3" Diam. Collar for Post

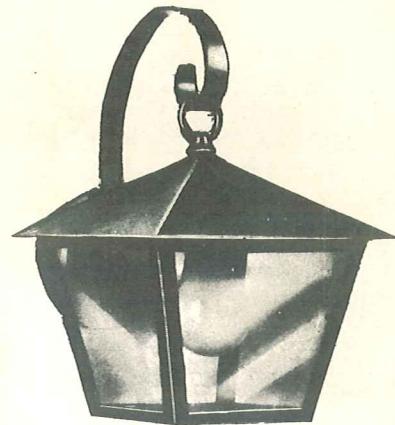


No. 31—Black Finish

Canopy 4" Diameter

Cage 8 $\frac{1}{4}$ " Square

Length Overall 12"

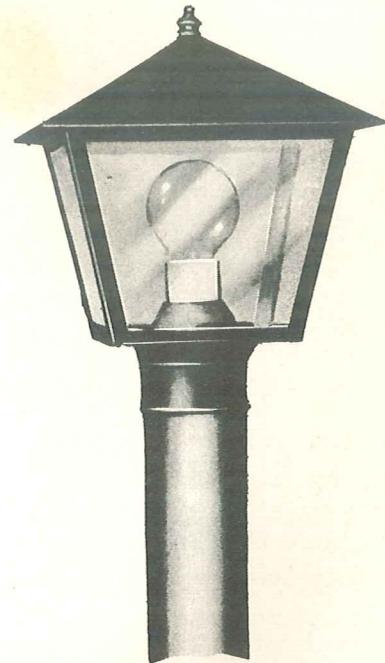


No. 32—Black Finish

Cage 8 $\frac{1}{4}$ " Square

Backplate 4" Diameter

Length Overall 12"



No. 30—Black Finish

Cage 8 $\frac{1}{4}$ " Square

Height 10 $\frac{1}{2}$ "

With 2 $\frac{1}{2}$ " Collar for Post

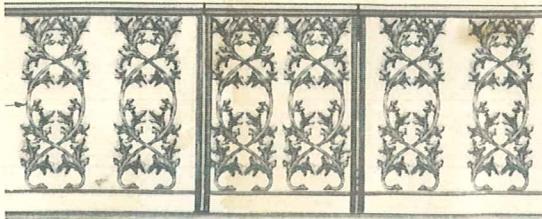


No. 393A—All Antique Copper . No. 393B—Black Finish

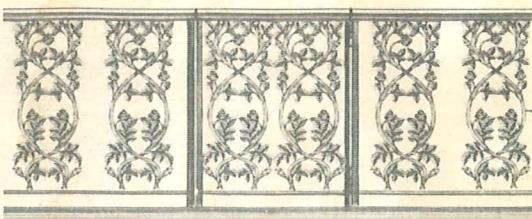
Rectangular Cage 4 $\frac{1}{2}$ " x 6". Extends 7 $\frac{1}{2}$ ". Overall Length 10"

DESIGNS

No. 9963

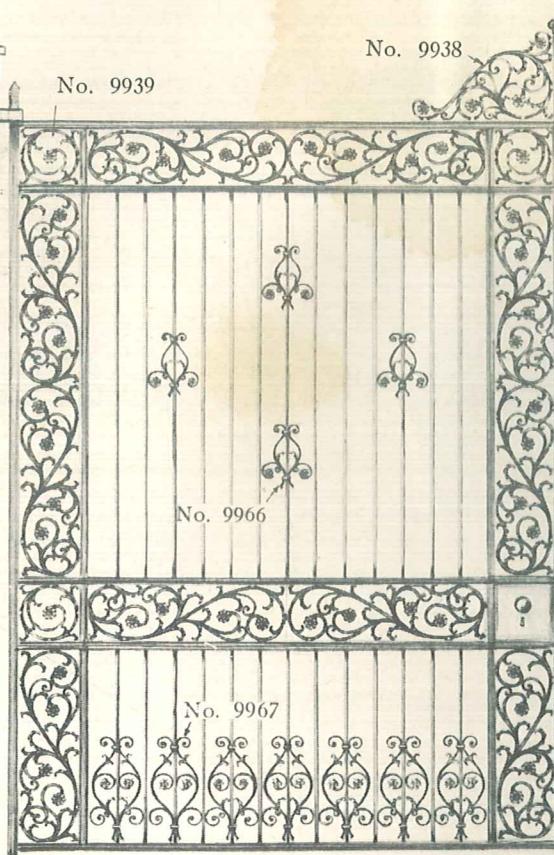


No. 9958



No. 9938

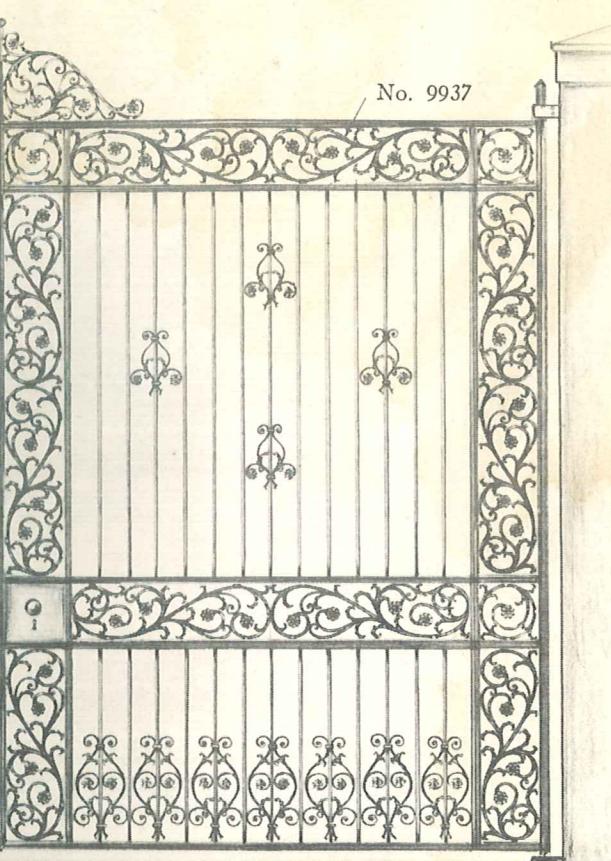
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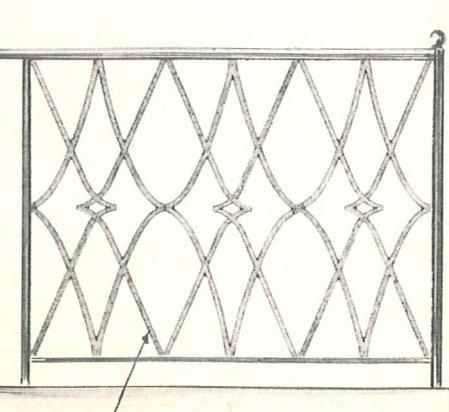
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No. 9967

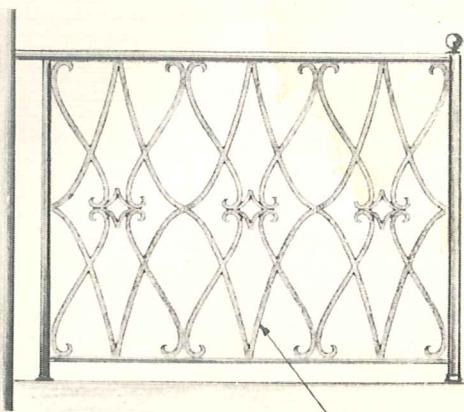
No. 9937



No. 9947



No. 9913



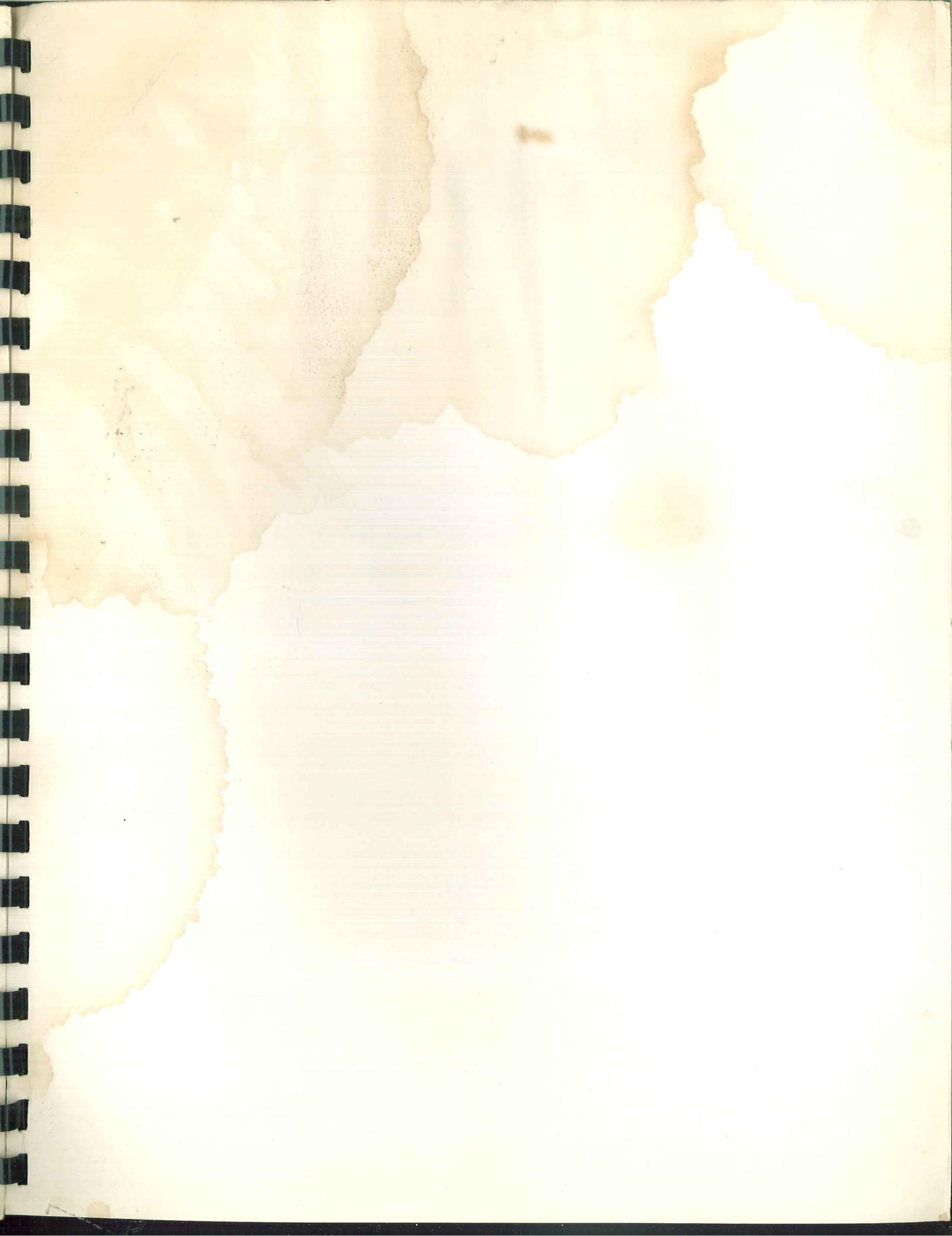
No. 9912

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